

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082323\
 Data File : BP016725.D
 Acq On : 23 Aug 2023 21:31
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020700

Quant Time: Aug 24 01:00:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 23 18:42:31 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/24/2023
 Supervised By :mohammad ahmed 08/24/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.040	152	350459	20.000	ng/u1	0.00
20) Naphthalene-d8	10.869	136	1614661	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.693	164	1005149	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.463	188	2185777	20.000	ng/u1	0.00
79) Chrysene-d12	21.557	240	1701537	20.000	ng/u1	0.00
88) Perylene-d12	24.133	264	1536795	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	76668	8.313	ng/uL	0.00
4) Pyridine-d5	3.823	84	564936	20.133	ng/u1	0.00
7) Phenol-d5	7.181	99	647203	20.031	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.375	67	435986	20.488	ng/u1	0.00
11) 2-Chlorophenol-d4	7.558	132	485035	20.901	ng/u1	0.00
15) 4-Methylphenol-d8	8.746	113	529538	20.612	ng/u1	0.00
21) Nitrobenzene-d5	9.240	128	245779	21.633	ng/u1	0.00
24) 2-Nitrophenol-d4	9.952	143	255488	23.677	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.475	165	470613	22.162	ng/u1	0.00
31) 4-Chloroaniline-d4	11.028	131	739069	20.284	ng/u1	0.00
46) Dimethylphthalate-d6	14.104	166	1478352	20.334	ng/u1	0.00
49) Acenaphthylene-d8	14.393	160	1715394	20.904	ng/u1	0.00
54) 4-Nitrophenol-d4	14.893	143	266034	17.963	ng/u1	0.00
60) Fluorene-d10	15.687	176	1256041	20.266	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.810	200	195191	18.771	ng/u1	0.00
73) Anthracene-d10	17.557	188	1928670	20.399	ng/u1	0.00
81) Pyrene-d10	19.792	212	2133601	23.931	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.963	264	1533514	20.822	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.423	88	81105	7.998	ng/uL	97
5) Pyridine	3.846	79	592833	20.363	ng/u1	99
6) Benzaldehyde	7.193	77	425766	23.905	ng/u1	98
8) Phenol	7.211	94	690155	19.985	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.469	93	555072	19.899	ng/u1	97
12) 2-Chlorophenol	7.593	128	498363	20.410	ng/u1	99
13) 2-Methylphenol	8.475	108	502089	20.016	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.552	45	803948m	20.679	ng/u1	
16) Acetophenone	8.887	105	855111	20.612	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.858	70	476890	21.433	ng/u1	98
18) 4-Methylphenol	8.811	108	563090	20.425	ng/u1	97
19) Hexachloroethane	9.111	117	204071	20.004	ng/u1	95
22) Nitrobenzene	9.281	77	679391	21.361	ng/u1	100
23) Isophorone	9.793	82	1312540	21.849	ng/u1	98
25) 2-Nitrophenol	9.987	139	284399	23.054	ng/u1	99
26) 2,4-Dimethylphenol	10.022	107	611588	21.030	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.281	93	796574	20.686	ng/u1	99
29) 2,4-Dichlorophenol	10.505	162	469617	21.494	ng/u1	99
30) Naphthalene	10.922	128	1682578	19.945	ng/u1	100
32) 4-Chloroaniline	11.052	127	731455	20.269	ng/u1	100
33) Hexachlorobutadiene	11.152	225	269505	20.463	ng/u1	100
34) Caprolactam	11.869	113	175018	20.590	ng/u1	97
35) 4-Chloro-3-methylphenol	12.146	107	590786	22.121	ng/u1	98
36) 2-Methylnaphthalene	12.522	142	1151009	20.368	ng/u1	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082323\
 Data File : BP016725.D
 Acq On : 23 Aug 2023 21:31
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020700

Quant Time: Aug 24 01:00:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 23 18:42:31 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/24/2023
 Supervised By :mohammad ahmed 08/24/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.740	142	1170123	20.565	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.869	216	547214	20.354	ng/ul	99
40) Hexachlorocyclopentadiene	12.822	237	301879	18.454	ng/ul	97
41) 2,4,6-Trichlorophenol	13.122	196	373706	22.335	ng/ul	100
42) 2,4,5-Trichlorophenol	13.187	196	397983	21.943	ng/ul	100
43) 1,1'-Biphenyl	13.528	154	1501291	20.094	ng/ul	99
44) 2-Chloronaphthalene	13.575	162	1177211	20.251	ng/ul	100
45) 2-Nitroaniline	13.804	65	408053	23.216	ng/ul	97
47) Dimethylphthalate	14.151	163	1497152	20.141	ng/ul	99
48) 2,6-Dinitrotoluene	14.293	165	296710	23.045	ng/ul	99
50) Acenaphthylene	14.422	152	1982603	20.515	ng/ul	99
51) 3-Nitroaniline	14.628	138	314425	21.780	ng/ul	98
52) Acenaphthene	14.757	153	1291344	19.962	ng/ul	98
53) 2,4-Dinitrophenol	14.828	184	130257	18.173	ng/ul	98
55) 4-Nitrophenol	14.910	109	224832	18.673	ng/ul	97
56) Dibenzofuran	15.093	168	1757846	19.916	ng/ul	99
57) 2,4-Dinitrotoluene	15.075	165	434646	22.543	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.304	232	333507	21.947	ng/ul	99
59) Diethylphthalate	15.504	149	1543871	20.314	ng/ul	99
61) Fluorene	15.746	166	1451494	20.056	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.734	204	678448	19.970	ng/ul	98
63) 4-Nitroaniline	15.798	138	290094	20.998	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.822	198	213160	18.488	ng/ul	97
67) N-Nitrosodiphenylamine	15.957	169	1223978	20.658	ng/ul	100
68) 4-Bromophenyl-phenylether	16.640	248	408847	20.949	ng/ul	97
69) Hexachlorobenzene	16.722	284	467077	20.483	ng/ul	98
70) Atrazine	16.910	200	442272	20.748	ng/ul	99
71) Pentachlorophenol	17.081	266	277630	19.775	ng/ul	98
72) Phenanthrene	17.504	178	2298862	19.963	ng/ul	100
74) Anthracene	17.592	178	2328420	20.130	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.481	216	582737	20.978	ng/ul	96
76) Pentachlorobenzene	14.987	250	516256	20.713	ng/ul	99
77) Carbazole	17.875	167	2097876	19.681	ng/ul	99
78) Di-n-butylphthalate	18.387	149	2693217	21.826	ng/ul	100
80) Fluoranthene	19.463	202	2591387	24.353	ng/ul	99
82) Pyrene	19.822	202	2656840	23.645	ng/ul	98
83) Butylbenzylphthalate	20.675	149	1170226	25.852	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.475	252	673447	18.176	ng/ul	99
85) Benzo(a)anthracene	21.539	228	2333604	20.407	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.416	149	1701987	25.908	ng/ul	100
87) Chrysene	21.598	228	2150488	20.096	ng/ul	99
89) Di-n-octyl phthalate	22.398	149	2668231	27.825	ng/ul	100
90) Benzo(b)fluoranthene	23.327	252	1986210	21.706	ng/ul	100
91) Benzo(k)fluoranthene	23.380	252	1911270	21.054	ng/ul	99
93) Benzo(a)pyrene	24.016	252	1759418	20.383	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.868	276	1831423	17.977	ng/ul	99
95) Dibenzo(a,h)anthracene	26.898	278	1527516	18.017	ng/ul	99
96) Benzo(g,h,i)perylene	27.727	276	1461229	18.022	ng/ul	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

