

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082223\
 Data File : BP016710.D
 Acq On : 22 Aug 2023 19:25
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020698

Quant Time: Aug 23 01:34:24 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 17 01:38:34 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/23/2023
 Supervised By :mohammad ahmed 08/23/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.046	152	250471	20.000	ng/u1	0.00
20) Naphthalene-d8	10.875	136	1163019	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.693	164	732114	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.457	188	1725804	20.000	ng/u1	-0.01
79) Chrysene-d12	21.557	240	1828494	20.000	ng/u1	0.00
88) Perylene-d12	24.133	264	1975081	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	53321	8.089	ng/uL	0.00
4) Pyridine-d5	3.823	84	394821	19.687	ng/u1	0.00
7) Phenol-d5	7.181	99	454005	19.661	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.375	67	299482	19.691	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.564	132	335424	20.224	ng/u1	0.00
15) 4-Methylphenol-d8	8.746	113	365783	19.922	ng/u1	-0.01
21) Nitrobenzene-d5	9.240	128	169180	20.674	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.958	143	172400	22.181	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.481	165	325975	21.312	ng/u1	-0.01
31) 4-Chloroaniline-d4	11.028	131	536642	20.448	ng/u1	-0.01
46) Dimethylphthalate-d6	14.104	166	1044870	19.732	ng/u1	0.00
49) Acenaphthylene-d8	14.393	160	1217322	20.367	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.899	143	231857	21.493	ng/u1	0.00
60) Fluorene-d10	15.687	176	905567	20.060	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.810	200	144397	17.587	ng/u1	0.00
73) Anthracene-d10	17.557	188	1495011	20.027	ng/u1	-0.01
81) Pyrene-d10	19.792	212	1874017	19.560	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.963	264	1905805	20.135	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.423	88	56013	7.728	ng/uL	99
5) Pyridine	3.840	79	416956	20.039	ng/u1	97
6) Benzaldehyde	7.199	77	294484	23.135	ng/u1	99
8) Phenol	7.211	94	482607	19.554	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.475	93	385208	19.322	ng/u1	97
12) 2-Chlorophenol	7.593	128	347132	19.892	ng/u1	100
13) 2-Methylphenol	8.475	108	348481	19.439	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.558	45	551062m	19.833	ng/u1	
16) Acetophenone	8.887	105	597989	20.168	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.858	70	325216	20.451	ng/u1	100
18) 4-Methylphenol	8.811	108	392035	19.897	ng/u1	95
19) Hexachloroethane	9.116	117	140254	19.237	ng/u1	95
22) Nitrobenzene	9.281	77	471967	20.602	ng/u1	99
23) Isophorone	9.799	82	890175	20.573	ng/u1	99
25) 2-Nitrophenol	9.987	139	193446	21.771	ng/u1	99
26) 2,4-Dimethylphenol	10.022	107	425045	20.291	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.281	93	543812	19.607	ng/u1	99
29) 2,4-Dichlorophenol	10.505	162	332688	21.140	ng/u1	100
30) Naphthalene	10.922	128	1188268	19.555	ng/u1	100
32) 4-Chloroaniline	11.052	127	534029	20.545	ng/u1	100
33) Hexachlorobutadiene	11.158	225	184653	19.465	ng/u1	100
34) Caprolactam	11.863	113	132494	21.640	ng/u1	95
35) 4-Chloro-3-methylphenol	12.146	107	417122	21.684	ng/u1	99
36) 2-Methylnaphthalene	12.522	142	804397	19.762	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.740	142	818985	19.983	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.869	216	379857	19.398	ng/ul	100
40) Hexachlorocyclopentadiene	12.822	237	205061	17.211	ng/ul	100
41) 2,4,6-Trichlorophenol	13.122	196	260716	21.393	ng/ul	98
42) 2,4,5-Trichlorophenol	13.187	196	288167	21.814	ng/ul	96
43) 1,1'-Biphenyl	13.528	154	1056344	19.411	ng/ul	98
44) 2-Chloronaphthalene	13.575	162	833288	19.681	ng/ul	99
45) 2-Nitroaniline	13.804	65	294320	22.990	ng/ul	98
47) Dimethylphthalate	14.152	163	1054403	19.475	ng/ul	99
48) 2,6-Dinitrotoluene	14.293	165	204198	21.775	ng/ul	100
50) Acenaphthylene	14.422	152	1413611	20.083	ng/ul	99
51) 3-Nitroaniline	14.628	138	241757	22.992	ng/ul	100
52) Acenaphthene	14.757	153	923767	19.605	ng/ul	98
53) 2,4-Dinitrophenol	14.828	184	120724	23.125	ng/ul	97
55) 4-Nitrophenol	14.910	109	194272	22.153	ng/ul	97
56) Dibenzofuran	15.093	168	1270887	19.769	ng/ul	100
57) 2,4-Dinitrotoluene	15.075	165	313733	22.341	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.304	232	247745	22.384	ng/ul	97
59) Diethylphthalate	15.504	149	1095441	19.789	ng/ul	100
61) Fluorene	15.746	166	1056561	20.044	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.734	204	492076	19.886	ng/ul	99
63) 4-Nitroaniline	15.798	138	260692	25.907	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.822	198	163249	17.933	ng/ul	100
67) N-Nitrosodiphenylamine	15.957	169	910037	19.453	ng/ul	99
68) 4-Bromophenyl-phenylether	16.640	248	295603	19.184	ng/ul	96
69) Hexachlorobenzene	16.722	284	335377	18.627	ng/ul	99
70) Atrazine	16.910	200	331502	19.697	ng/ul	99
71) Pentachlorophenol	17.081	266	228646	20.626	ng/ul	97
72) Phenanthrene	17.504	178	1775817	19.531	ng/ul	100
74) Anthracene	17.593	178	1831034	20.049	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.481	216	408726	18.636	ng/ul	96
76) Pentachlorobenzene	14.987	250	369209	18.762	ng/ul	99
77) Carbazole	17.875	167	1760121	20.913	ng/ul	99
78) Di-n-butylphthalate	18.387	149	2027147	20.807	ng/ul	100
80) Fluoranthene	19.463	202	2224417	19.453	ng/ul	100
82) Pyrene	19.822	202	2340129	19.380	ng/ul	97
83) Butylbenzylphthalate	20.675	149	1035041	21.278	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.475	252	732487	18.397	ng/ul	100
85) Benzo(a)anthracene	21.539	228	2431799	19.789	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.416	149	1548000	21.928	ng/ul	100
87) Chrysene	21.598	228	2234427	19.431	ng/ul	99
89) Di-n-octyl phthalate	22.398	149	2749145	22.307	ng/ul	100
90) Benzo(b)fluoranthene	23.327	252	2362444	20.089	ng/ul	99
91) Benzo(k)fluoranthene	23.380	252	2288639	19.617	ng/ul	100
93) Benzo(a)pyrene	24.016	252	2168181	19.544	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.868	276	2368486	18.090	ng/ul	97
95) Dibenzo(a,h)anthracene	26.898	278	1948277	17.881	ng/ul	100
96) Benzo(g,h,i)perylene	27.727	276	1866978	17.916	ng/ul	98

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

