

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082423\
 Data File : BP016737.D
 Acq On : 24 Aug 2023 21:54
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020701

Quant Time: Aug 25 02:14:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 25 01:47:30 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/25/2023
 Supervised By :mohammad ahmed 08/25/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.040	152	349050	20.000	ng/u1	0.00
20) Naphthalene-d8	10.869	136	1570948	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.687	164	1007445	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.457	188	2226170	20.000	ng/u1	0.00
79) Chrysene-d12	21.551	240	2125807	20.000	ng/u1	0.00
88) Perylene-d12	24.127	264	2212421	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	70675	8.368	ng/uL	0.00
4) Pyridine-d5	3.822	84	520963	20.185	ng/u1	0.00
7) Phenol-d5	7.175	99	603462	19.443	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.375	67	401680	20.306	ng/u1	0.00
11) 2-Chlorophenol-d4	7.558	132	474789	20.345	ng/u1	0.00
15) 4-Methylphenol-d8	8.740	113	502471	19.831	ng/u1	0.00
21) Nitrobenzene-d5	9.234	128	243644	20.512	ng/u1	0.00
24) 2-Nitrophenol-d4	9.951	143	252081	20.134	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.475	165	476032	20.394	ng/u1	0.00
31) 4-Chloroaniline-d4	11.022	131	711576	19.879	ng/u1	0.00
46) Dimethylphthalate-d6	14.098	166	1527497	20.105	ng/u1	0.00
49) Acenaphthylene-d8	14.387	160	1755751	20.443	ng/u1	0.00
54) 4-Nitrophenol-d4	14.892	143	295992	18.849	ng/u1	0.00
60) Fluorene-d10	15.681	176	1295894	20.255	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.804	200	225508	17.010	ng/u1	0.00
73) Anthracene-d10	17.557	188	2001583	20.284	ng/u1	0.00
81) Pyrene-d10	19.786	212	2350073	20.129	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.951	264	2244778	20.256	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.422	88	76599	8.329	ng/uL	97
5) Pyridine	3.840	79	541760	20.378	ng/u1	99
6) Benzaldehyde	7.193	77	396188	23.342	ng/u1	99
8) Phenol	7.205	94	640026	19.704	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.469	93	531148	20.258	ng/u1	98
12) 2-Chlorophenol	7.587	128	486514	20.396	ng/u1	99
13) 2-Methylphenol	8.475	108	480035	19.701	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.552	45	789640m	20.646	ng/u1	
16) Acetophenone	8.887	105	816433	20.781	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.857	70	440880	21.294	ng/u1	100
18) 4-Methylphenol	8.804	108	530559	19.997	ng/u1	100
19) Hexachloroethane	9.110	117	201319	20.284	ng/u1	99
22) Nitrobenzene	9.281	77	629572	20.660	ng/u1	100
23) Isophorone	9.793	82	1212522	20.488	ng/u1	100
25) 2-Nitrophenol	9.981	139	281293	20.319	ng/u1	99
26) 2,4-Dimethylphenol	10.016	107	564030	20.271	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.281	93	742673	20.340	ng/u1	100
29) 2,4-Dichlorophenol	10.504	162	476994	20.344	ng/u1	99
30) Naphthalene	10.916	128	1663392	20.440	ng/u1	100
32) 4-Chloroaniline	11.046	127	705925	20.068	ng/u1	100
33) Hexachlorobutadiene	11.151	225	289520	20.046	ng/u1	98
34) Caprolactam	11.863	113	168565m	19.495	ng/u1	
35) 4-Chloro-3-methylphenol	12.140	107	533572	20.294	ng/u1	99
36) 2-Methylnaphthalene	12.516	142	1150035	20.474	ng/u1	100

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37) 1-Methylnaphthalene	12.740	142	1167917	20.619	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.869	216	577257	20.104	ng/ul	97
40) Hexachlorocyclopentadiene	12.816	237	328374	15.551	ng/ul	99
41) 2,4,6-Trichlorophenol	13.116	196	384063	20.030	ng/ul	99
42) 2,4,5-Trichlorophenol	13.187	196	408999	19.712	ng/ul	99
43) 1,1'-Biphenyl	13.522	154	1522452	20.325	ng/ul	99
44) 2-Chloronaphthalene	13.569	162	1201032	20.311	ng/ul	100
45) 2-Nitroaniline	13.798	65	358637	19.999	ng/ul	99
47) Dimethylphthalate	14.145	163	1531513	19.904	ng/ul	100
48) 2,6-Dinitrotoluene	14.292	165	301015	19.965	ng/ul	98
50) Acenaphthylene	14.416	152	2009943	20.446	ng/ul	99
51) 3-Nitroaniline	14.628	138	313926	19.996	ng/ul	100
52) Acenaphthene	14.751	153	1309470	20.135	ng/ul	99
53) 2,4-Dinitrophenol	14.822	184	149676	13.662	ng/ul	98
55) 4-Nitrophenol	14.910	109	223320	18.831	ng/ul	98
56) Dibenzofuran	15.086	168	1787112	20.027	ng/ul	97
57) 2,4-Dinitrotoluene	15.069	165	444122	20.013	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.304	232	347787	19.689	ng/ul	99
59) Diethylphthalate	15.504	149	1554077	19.881	ng/ul	99
61) Fluorene	15.739	166	1490256	19.966	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.734	204	723916	19.754	ng/ul	98
63) 4-Nitroaniline	15.792	138	303361	20.306	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.822	198	250306	17.512	ng/ul	98
67) N-Nitrosodiphenylamine	15.951	169	1253914	20.365	ng/ul	99
68) 4-Bromophenyl-phenylether	16.633	248	417450	19.559	ng/ul	94
69) Hexachlorobenzene	16.716	284	468973	19.624	ng/ul	97
70) Atrazine	16.904	200	468653	20.189	ng/ul	100
71) Pentachlorophenol	17.081	266	304483	17.164	ng/ul	100
72) Phenanthrene	17.498	178	2378364	20.294	ng/ul	100
74) Anthracene	17.592	178	2413418	20.366	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.481	216	608359	20.409	ng/ul	100
76) Pentachlorobenzene	14.981	250	537584	20.181	ng/ul	99
77) Carbazole	17.869	167	2225696	20.854	ng/ul	100
78) Di-n-butylphthalate	18.380	149	2720500	20.432	ng/ul	100
80) Fluoranthene	19.457	202	2805816	20.006	ng/ul	99
82) Pyrene	19.816	202	2919949	20.155	ng/ul	99
83) Butylbenzylphthalate	20.674	149	1258647	20.145	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.469	252	892390	19.640	ng/ul	99
85) Benzo(a)anthracene	21.533	228	2967550	20.266	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.410	149	1861597	20.406	ng/ul	99
87) Chrysene	21.592	228	2736800	20.576	ng/ul	99
89) Di-n-octyl phthalate	22.392	149	3179325	19.082	ng/ul	100
90) Benzo(b)fluoranthene	23.321	252	2770211	19.608	ng/ul	100
91) Benzo(k)fluoranthene	23.374	252	2858704	20.460	ng/ul	99
93) Benzo(a)pyrene	24.010	252	2612097	20.440	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.856	276	2776174	21.260	ng/ul	99
95) Dibenzo(a,h)anthracene	26.880	278	2291515	21.128	ng/ul	100
96) Benzo(g,h,i)perylene	27.715	276	2111762	21.331	ng/ul	99

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

