

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080222\
 Data File : BP011231.D
 Acq On : 02 Aug 2022 18:27
 Operator : CG/JU
 Sample : SST04034
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SST040634

Quant Time: Aug 02 23:18:19 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP080222.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 02 23:11:33 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/03/2022
 Supervised By :mohammad ahmed 08/03/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.605	152	187794	20.000	ng/u1	0.00
20) Naphthalene-d8	10.399	136	802992	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.275	164	421396	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.045	188	805182	20.000	ng/u1	0.00
79) Chrysene-d12	21.174	240	797548	20.000	ng/u1	0.00
88) Perylene-d12	23.498	264	862071	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.093	96	36398	8.876	ng/uL	0.00
4) Pyridine-d5	3.505	84	270485	23.316	ng/u1	0.00
7) Phenol-d5	6.787	99	654971	39.958	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.952	67	471733	40.700	ng/u1	0.00
11) 2-Chlorophenol-d4	7.140	132	547201	42.361	ng/u1	0.00
15) 4-Methylphenol-d8	8.328	113	530041	39.530	ng/u1	0.00
21) Nitrobenzene-d5	8.769	128	262795	42.111	ng/u1	0.00
24) 2-Nitrophenol-d4	9.487	143	246268	41.198	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.022	165	454054	43.101	ng/u1	0.00
31) 4-Chloroaniline-d4	10.546	131	701075	41.052	ng/u1	0.00
46) Dimethylphthalate-d6	13.698	166	1257951	43.815	ng/u1	0.00
49) Acenaphthylene-d8	13.969	160	1589657	44.061	ng/u1	0.00
54) 4-Nitrophenol-d4	14.510	143	229729	44.485	ng/u1	0.00
60) Fluorene-d10	15.281	176	1058477	43.875	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.416	200	164357	40.493	ng/u1	0.00
73) Anthracene-d10	17.151	188	1552043	43.746	ng/u1	0.00
81) Pyrene-d10	19.410	212	1737765	40.549	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.345	264	1873445	43.753	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.128	88	35655	8.400	ng/uL	95
5) Pyridine	3.522	79	269419	22.513	ng/u1	96
6) Benzaldehyde	6.752	77	395447	50.014	ng/u1	98
8) Phenol	6.816	94	703863	40.025	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.046	93	575875	40.389	ng/u1	97
12) 2-Chlorophenol	7.169	128	568432	42.326	ng/u1	98
13) 2-Methylphenol	8.058	108	530083	40.669	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.146	45	973008	40.744	ng/u1	99
16) Acetophenone	8.434	105	874360	41.921	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.428	70	421520	38.231	ng/u1	99
18) 4-Methylphenol	8.393	108	566766	40.376	ng/u1	97
19) Hexachloroethane	8.669	117	269204	44.625	ng/u1	97
22) Nitrobenzene	8.810	77	697778	43.490	ng/u1	97
23) Isophorone	9.346	82	1219089	41.994	ng/u1	99
25) 2-Nitrophenol	9.522	139	286176	42.605	ng/u1	97
26) 2,4-Dimethylphenol	9.587	107	617578	42.799	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.828	93	757639	41.538	ng/u1	99
29) 2,4-Dichlorophenol	10.052	162	469633	43.105	ng/u1	99
30) Naphthalene	10.446	128	1817331	43.018	ng/u1	100
32) 4-Chloroaniline	10.569	127	713874	42.068	ng/u1	98
33) Hexachlorobutadiene	10.728	225	290127	43.601	ng/u1	98
34) Caprolactam	11.375	113	143904	39.715	ng/u1	98
35) 4-Chloro-3-methylphenol	11.716	107	540092	44.211	ng/u1	99
36) 2-Methylnaphthalene	12.075	142	1143099	42.758	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.293	142	1142602	42.663	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.446	216	499201	42.579	ng/ul	98
40) Hexachlorocyclopentadiene	12.422	237	293506	37.972	ng/ul	99
41) 2,4,6-Trichlorophenol	12.698	196	318362	43.244	ng/ul	100
42) 2,4,5-Trichlorophenol	12.769	196	338927	43.489	ng/ul	99
43) 1,1'-Biphenyl	13.104	154	1433559	42.577	ng/ul	99
44) 2-Chloronaphthalene	13.140	162	1077286	42.798	ng/ul	99
45) 2-Nitroaniline	13.363	65	300710	41.105	ng/ul	98
47) Dimethylphthalate	13.751	163	1263758	43.707	ng/ul	99
48) 2,6-Dinitrotoluene	13.869	165	220342	43.612	ng/ul	98
50) Acenaphthylene	13.998	152	1762059	43.718	ng/ul	100
51) 3-Nitroaniline	14.198	138	241123	44.191	ng/ul	98
52) Acenaphthene	14.340	153	1138689	43.252	ng/ul	98
53) 2,4-Dinitrophenol	14.410	184	107698	37.797	ng/ul	99
55) 4-Nitrophenol	14.522	109	208442	46.974	ng/ul	97
56) Dibenzofuran	14.681	168	1537893	42.976	ng/ul	99
57) 2,4-Dinitrotoluene	14.663	165	344260	48.837	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.910	232	256429	45.251	ng/ul	98
59) Diethylphthalate	15.128	149	1316065	45.540	ng/ul	99
61) Fluorene	15.334	166	1225178	44.030	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.340	204	536726	42.381	ng/ul	98
63) 4-Nitroaniline	15.375	138	223866m	48.258	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.428	198	172887	41.940	ng/ul#	96
67) N-Nitrosodiphenylamine	15.557	169	1023726	41.372	ng/ul	100
68) 4-Bromophenyl-phenylether	16.239	248	315213	40.796	ng/ul	99
69) Hexachlorobenzene	16.345	284	365197	41.317	ng/ul	94
70) Atrazine	16.528	200	318459	40.926	ng/ul	99
71) Pentachlorophenol	16.698	266	215130	42.393	ng/ul	98
72) Phenanthrene	17.092	178	1894170	42.985	ng/ul	100
74) Anthracene	17.181	178	1898974	43.559	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.063	216	511415	36.843	ng/ul	99
76) Pentachlorobenzene	14.598	250	442273	38.659	ng/ul	98
77) Carbazole	17.463	167	1770014	45.828	ng/ul	100
78) Di-n-butylphthalate	18.033	149	2134698	46.218	ng/ul	100
80) Fluoranthene	19.080	202	2130151	40.239	ng/ul	100
82) Pyrene	19.439	202	2189054	40.240	ng/ul	98
83) Butylbenzylphthalate	20.333	149	880901	40.439	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.104	252	602960	43.344	ng/ul	99
85) Benzo(a)anthracene	21.163	228	2141321	43.190	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.104	149	1432637	43.516	ng/ul	100
87) Chrysene	21.210	228	2068134	41.960	ng/ul	100
89) Di-n-octyl phthalate	22.004	149	2559112	43.192	ng/ul	100
90) Benzo(b)fluoranthene	22.792	252	2391250	44.001	ng/ul	100
91) Benzo(k)fluoranthene	22.839	252	2184865	42.360	ng/ul	99
93) Benzo(a)pyrene	23.398	252	2318022	43.728	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.898	276	2760463	42.268	ng/ul	99
95) Dibenzo(a,h)anthracene	25.915	278	2347553	41.910	ng/ul	99
96) Benzo(g,h,i)perylene	26.633	276	2375240	42.052	ng/ul	99

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

