

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102722\
 Data File : BP012366.D
 Acq On : 28 Oct 2022 05:11
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020651

Quant Time: Oct 28 23:16:23 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP102522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 28 06:05:59 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 10/31/2022
 Supervised By :mohammad ahmed 10/31/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	306121	20.000	ng/u1	0.00
20) Naphthalene-d8	10.605	136	1450988	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.457	164	965418	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.216	188	2154952	20.000	ng/u1	0.00
79) Chrysene-d12	21.310	240	2344849	20.000	ng/u1	0.00
88) Perylene-d12	23.704	264	2318589	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.246	96	58979	7.758	ng/uL	0.00
4) Pyridine-d5	3.670	84	440272	20.159	ng/u1	0.00
7) Phenol-d5	6.975	99	569480	20.741	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.140	67	336218	20.513	ng/u1	0.00
11) 2-Chlorophenol-d4	7.334	132	439502	21.920	ng/u1	0.00
15) 4-Methylphenol-d8	8.522	113	468485	21.574	ng/u1	0.00
21) Nitrobenzene-d5	8.975	128	234576	24.930	ng/u1	0.00
24) 2-Nitrophenol-d4	9.693	143	254373	26.046	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.228	165	473820	22.387	ng/u1	0.00
31) 4-Chloroaniline-d4	10.752	131	692897	21.987	ng/u1	0.00
46) Dimethylphthalate-d6	13.869	166	1409304	21.325	ng/u1	0.00
49) Acenaphthylene-d8	14.146	160	1665497	22.052	ng/u1	0.00
54) 4-Nitrophenol-d4	14.675	143	290112	23.194	ng/u1	0.00
60) Fluorene-d10	15.451	176	1240711	21.927	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.587	200	231051	20.594	ng/u1	0.00
73) Anthracene-d10	17.316	188	2004145	21.584	ng/u1	0.00
81) Pyrene-d10	19.557	212	2424818	20.597	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.551	264	2440681	21.544	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.281	88	60530	7.489	ng/uL	97
5) Pyridine	3.687	79	421218	19.625	ng/u1	99
6) Benzaldehyde	6.952	77	295674m	22.833	ng/u1	
8) Phenol	7.005	94	595964	20.875	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.234	93	478354	20.878	ng/u1	98
12) 2-Chlorophenol	7.369	128	474612	21.744	ng/u1	99
13) 2-Methylphenol	8.258	108	465002	21.180	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.340	45	625679	20.362	ng/u1	99
16) Acetophenone	8.634	105	738569	21.898	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.622	70	365814	22.529	ng/u1	99
18) 4-Methylphenol	8.587	108	516427	21.522	ng/u1	97
19) Hexachloroethane	8.875	117	186027	22.160	ng/u1	98
22) Nitrobenzene	9.016	77	544984	22.199	ng/u1	98
23) Isophorone	9.546	82	1084164	21.104	ng/u1	99
25) 2-Nitrophenol	9.722	139	286535	24.469	ng/u1	99
26) 2,4-Dimethylphenol	9.787	107	556183	21.630	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.028	93	674989	20.532	ng/u1	100
29) 2,4-Dichlorophenol	10.258	162	485691	22.105	ng/u1	100
30) Naphthalene	10.658	128	1618544	21.047	ng/u1	100
32) 4-Chloroaniline	10.775	127	712014	21.958	ng/u1	99
33) Hexachlorobutadiene	10.934	225	291764	21.344	ng/u1	98
34) Caprolactam	11.575	113	160931	21.526	ng/u1	92
35) 4-Chloro-3-methylphenol	11.905	107	541297	22.421	ng/u1	99
36) 2-Methylnaphthalene	12.269	142	1132176	21.475	ng/u1	99

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37) 1-Methylnaphthalene	12.493	142	1132755	21.514	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.640	216	604853	21.330	ng/ul	99
40) Hexachlorocyclopentadiene	12.610	237	244745	18.655	ng/ul	100
41) 2,4,6-Trichlorophenol	12.887	196	404259	22.303	ng/ul	100
42) 2,4,5-Trichlorophenol	12.957	196	442811	22.398	ng/ul	100
43) 1,1'-Biphenyl	13.287	154	1485681	20.929	ng/ul	100
44) 2-Chloronaphthalene	13.328	162	1176420	21.089	ng/ul	99
45) 2-Nitroaniline	13.546	65	334928	25.905	ng/ul	99
47) Dimethylphthalate	13.916	163	1469837	21.109	ng/ul	100
48) 2,6-Dinitrotoluene	14.046	165	299859	25.936	ng/ul	99
50) Acenaphthylene	14.175	152	1830050	21.607	ng/ul	99
51) 3-Nitroaniline	14.375	138	332176	23.465	ng/ul	98
52) Acenaphthene	14.522	153	1266926	21.285	ng/ul	99
53) 2,4-Dinitrophenol	14.587	184	154886	19.838	ng/ul	97
55) 4-Nitrophenol	14.687	109	213060	22.512	ng/ul	96
56) Dibenzofuran	14.857	168	1753125	21.574	ng/ul	99
57) 2,4-Dinitrotoluene	14.834	165	443104	25.445	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.087	232	389417	23.207	ng/ul	97
59) Diethylphthalate	15.287	149	1481996	21.874	ng/ul	99
61) Fluorene	15.510	166	1414978	21.915	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.504	204	688851	21.751	ng/ul	98
63) 4-Nitroaniline	15.545	138	351861m	27.511	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.604	198	246484	20.619	ng/ul	96
67) N-Nitrosodiphenylamine	15.722	169	1244443	20.504	ng/ul	100
68) 4-Bromophenyl-phenylether	16.404	248	453964	20.973	ng/ul	99
69) Hexachlorobenzene	16.516	284	553996	21.340	ng/ul	99
70) Atrazine	16.681	200	456914	21.732	ng/ul	99
71) Pentachlorophenol	16.869	266	344824	21.628	ng/ul	99
72) Phenanthrene	17.257	178	2403324	21.111	ng/ul	99
74) Anthracene	17.351	178	2436348	21.542	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.251	216	611770	19.846	ng/ul	99
76) Pentachlorobenzene	14.775	250	670016	20.583	ng/ul	99
77) Carbazole	17.628	167	2269198	22.528	ng/ul	100
78) Di-n-butylphthalate	18.175	149	2677800	22.882	ng/ul	99
80) Fluoranthene	19.228	202	2962159	20.379	ng/ul	99
82) Pyrene	19.586	202	3103454	20.614	ng/ul	98
83) Butylbenzylphthalate	20.457	149	1307533	23.295	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.233	252	1049835	20.611	ng/ul	100
85) Benzo(a)anthracene	21.298	228	3190898	21.330	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.216	149	1945678	22.670	ng/ul	100
87) Chrysene	21.345	228	2992097	21.395	ng/ul	99
89) Di-n-octyl phthalate	22.133	149	3485643	25.204	ng/ul	100
90) Benzo(b)fluoranthene	22.974	252	3241389	22.077	ng/ul	100
91) Benzo(k)fluoranthene	23.022	252	3107102	22.206	ng/ul	99
93) Benzo(a)pyrene	23.598	252	2749826	21.447	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.192	276	3085638	19.314	ng/ul	99
95) Dibenzo(a,h)anthracene	26.210	278	2793079	19.525	ng/ul	99
96) Benzo(g,h,i)perylene	26.963	276	2672213	18.921	ng/ul	99

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

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