

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020223\
 Data File : BP013740.D
 Acq On : 03 Feb 2023 14:51
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020753

Quant Time: Feb 03 23:51:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP020123.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 03 23:44:43 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/06/2023
 Supervised By :mohammad ahmed 02/06/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.134	152	235870	20.000	ng/ul	0.00
20) Naphthalene-d8	10.957	136	1038392	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.769	164	763188	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.522	188	1886531	20.000	ng/ul	0.00
79) Chrysene-d12	21.598	240	2118207	20.000	ng/ul	0.00
88) Perylene-d12	24.174	264	2371906	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.475	96	46450	8.349	ng/uL	0.00
4) Pyridine-d5	3.911	84	348111	21.808	ng/ul	0.00
7) Phenol-d5	7.275	99	426491	20.573	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.446	67	256164	21.069	ng/ul	0.00
11) 2-Chlorophenol-d4	7.658	132	315044	20.732	ng/ul	0.00
15) 4-Methylphenol-d8	8.834	113	348754	21.103	ng/ul	0.00
21) Nitrobenzene-d5	9.305	128	145742	22.001	ng/ul	0.00
24) 2-Nitrophenol-d4	10.034	143	168062	21.770	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.575	165	374795	20.761	ng/ul	0.00
31) 4-Chloroaniline-d4	11.093	131	508703	21.336	ng/ul	0.00
46) Dimethylphthalate-d6	14.169	166	1219997	20.279	ng/ul	0.00
49) Acenaphthylene-d8	14.463	160	1352534	20.349	ng/ul	0.00
54) 4-Nitrophenol-d4	14.951	143	196918	19.420	ng/ul	0.00
60) Fluorene-d10	15.757	176	1086515	20.953	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.869	200	196628	18.599	ng/ul	0.00
73) Anthracene-d10	17.622	188	1823744	20.739	ng/ul	0.00
81) Pyrene-d10	19.839	212	2350903	19.899	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.004	264	2488718	20.554	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.511	88	47745	8.235	ng/uL	97
5) Pyridine	3.928	79	340064	21.157	ng/ul	97
6) Benzaldehyde	7.263	77	186781m	22.471	ng/ul	
8) Phenol	7.305	94	442562	20.861	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.540	93	355476	20.851	ng/ul	97
12) 2-Chlorophenol	7.687	128	324490	21.077	ng/ul	99
13) 2-Methylphenol	8.569	108	335170	20.692	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.663	45	433656	21.485	ng/ul	99
16) Acetophenone	8.963	105	570966	22.162	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.940	70	278874	21.609	ng/ul	99
18) 4-Methylphenol	8.899	108	374187	21.270	ng/ul	98
19) Hexachloroethane	9.228	117	128253	21.283	ng/ul	94
22) Nitrobenzene	9.346	77	395145	22.086	ng/ul	98
23) Isophorone	9.875	82	825547	20.155	ng/ul	99
25) 2-Nitrophenol	10.063	139	184778	21.633	ng/ul	98
26) 2,4-Dimethylphenol	10.116	107	401674	20.813	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.357	93	513174	20.672	ng/ul	99
29) 2,4-Dichlorophenol	10.599	162	366820	20.996	ng/ul	98
30) Naphthalene	11.010	128	1140682	20.784	ng/ul	99
32) 4-Chloroaniline	11.116	127	514158	21.427	ng/ul	99
33) Hexachlorobutadiene	11.293	225	258350	20.967	ng/ul	99
34) Caprolactam	11.893	113	116539	19.728	ng/ul	96
35) 4-Chloro-3-methylphenol	12.222	107	393490	21.028	ng/ul	98
36) 2-Methylnaphthalene	12.604	142	812815	20.807	ng/ul	100

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37) 1-Methylnaphthalene	12.822	142	846598	21.457	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.969	216	537496	21.321	ng/ul	99
40) Hexachlorocyclopentadiene	12.951	237	270579	19.089	ng/ul	95
41) 2,4,6-Trichlorophenol	13.204	196	343249	20.554	ng/ul	98
42) 2,4,5-Trichlorophenol	13.275	196	370395	20.351	ng/ul	99
43) 1,1'-Biphenyl	13.604	154	1180111	20.423	ng/ul	99
44) 2-Chloronaphthalene	13.646	162	937207	20.501	ng/ul	100
45) 2-Nitroaniline	13.845	65	199144	22.884	ng/ul	95
47) Dimethylphthalate	14.216	163	1203973	20.314	ng/ul	100
48) 2,6-Dinitrotoluene	14.340	165	190997	22.613	ng/ul	96
50) Acenaphthylene	14.493	152	1425119	20.333	ng/ul	99
51) 3-Nitroaniline	14.669	138	179859	20.146	ng/ul	99
52) Acenaphthene	14.834	153	993838	20.634	ng/ul	100
53) 2,4-Dinitrophenol	14.869	184	101701	15.502	ng/ul	98
55) 4-Nitrophenol	14.963	109	148910	19.265	ng/ul	97
56) Dibenzofuran	15.163	168	1482896	21.196	ng/ul	98
57) 2,4-Dinitrotoluene	15.122	165	310437	23.400	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.387	232	358142	20.938	ng/ul	97
59) Diethylphthalate	15.575	149	1175160	20.654	ng/ul	100
61) Fluorene	15.816	166	1218331	21.398	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.804	204	669931	21.597	ng/ul	97
63) 4-Nitroaniline	15.828	138	176983	21.172	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.881	198	204355	19.423	ng/ul#	98
67) N-Nitrosodiphenylamine	16.016	169	1051393	20.648	ng/ul	99
68) 4-Bromophenyl-phenylether	16.704	248	436273	20.326	ng/ul	97
69) Hexachlorobenzene	16.822	284	517041	20.533	ng/ul	98
70) Atrazine	16.969	200	418585	20.425	ng/ul	100
71) Pentachlorophenol	17.163	266	316045	19.664	ng/ul	98
72) Phenanthrene	17.563	178	2074136	20.814	ng/ul	99
74) Anthracene	17.657	178	2104905	20.855	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.569	216	536688	19.969	ng/ul	99
76) Pentachlorobenzene	15.081	250	557782	20.244	ng/ul	98
77) Carbazole	17.916	167	1875277	21.417	ng/ul	100
78) Di-n-butylphthalate	18.451	149	2042580	19.743	ng/ul	100
80) Fluoranthene	19.516	202	2678240	19.450	ng/ul	100
82) Pyrene	19.869	202	2814153	19.989	ng/ul	99
83) Butylbenzylphthalate	20.722	149	844499	20.878	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.504	252	903113	18.772	ng/ul	99
85) Benzo(a)anthracene	21.580	228	3005340	20.638	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.480	149	1349339	19.457	ng/ul	99
87) Chrysene	21.639	228	2856558	20.835	ng/ul	99
89) Di-n-octyl phthalate	22.463	149	2355827	18.855	ng/ul	100
90) Benzo(b)fluoranthene	23.380	252	3107115	20.067	ng/ul	99
91) Benzo(k)fluoranthene	23.433	252	3144172	21.247	ng/ul	99
93) Benzo(a)pyrene	24.057	252	2783222	20.821	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.886	276	3458599	20.883	ng/ul	99
95) Dibenzo(a,h)anthracene	26.904	278	2858340	20.818	ng/ul	100
96) Benzo(g,h,i)perylene	27.721	276	2754815	21.026	ng/ul	99

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

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