

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071422\
 Data File : BP010971.D
 Acq On : 14 Jul 2022 13:48
 Operator : CG/JU
 Sample : SST04020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SST040620

Quant Time: Jul 14 14:34:16 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071422.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 14 13:50:37 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 07/18/2022
 Supervised By :mohammad ahmed 07/18/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	350527	20.000	ng/ul	0.00
20) Naphthalene-d8	10.481	136	1475959	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.351	164	828477	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.122	188	1644913	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.245	240	1584266	20.000	ng/ul	# 0.00
88) Perylene-d12	23.604	264	1592739	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	168157	18.147	ng/uL	0.00
4) Pyridine-d5	3.587	84	1087648	44.095	ng/ul	0.00
7) Phenol-d5	6.863	99	1243145	44.801	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.028	67	812475	44.772	ng/ul	0.00
11) 2-Chlorophenol-d4	7.222	132	1042102	45.267	ng/ul	0.00
15) 4-Methylphenol-d8	8.404	113	1009800	46.036	ng/ul	0.00
21) Nitrobenzene-d5	8.851	128	491473	52.307	ng/ul	0.00
24) 2-Nitrophenol-d4	9.569	143	493990	63.548	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.104	165	873263	45.465	ng/ul	0.00
31) 4-Chloroaniline-d4	10.628	131	1397283	44.566	ng/ul	0.00
46) Dimethylphthalate-d6	13.775	166	2487356	43.829	ng/ul	0.00
49) Acenaphthylene-d8	14.039	160	3038598	41.952	ng/ul	0.00
54) 4-Nitrophenol-d4	14.569	143	505522	57.030	ng/ul	0.00
60) Fluorene-d10	15.351	176	2111149	43.349	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.475	200	359411	65.950	ng/ul	0.00
73) Anthracene-d10	17.222	188	3106919	42.453	ng/ul	0.00
81) Pyrene-d10	19.474	212	3516423	40.741	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.456	264	3455621	43.905	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.216	88	174353	17.644	ng/uL#	88
5) Pyridine	3.610	79	1125022	45.025	ng/ul#	73
6) Benzaldehyde	6.834	77	697288	47.627	ng/ul	97
8) Phenol	6.893	94	1331990	44.882	ng/ul#	85
10) Bis(2-Chloroethyl)ether	7.122	93	1056689	44.333	ng/ul	91
12) 2-Chlorophenol	7.251	128	1068212	44.951	ng/ul	92
13) 2-Methylphenol	8.140	108	994676	45.020	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.216	45	1464210	45.785	ng/ul	98
16) Acetophenone	8.516	105	1536836	45.621	ng/ul#	89
17) N-Nitroso-di-n-propyla...	8.510	70	769381	45.168	ng/ul	91
18) 4-Methylphenol	8.469	108	1062985	46.199	ng/ul	99
19) Hexachloroethane	8.757	117	419779	43.619	ng/ul#	78
22) Nitrobenzene	8.893	77	1134884	48.400	ng/ul	90
23) Isophorone	9.422	82	2132768	43.374	ng/ul#	98
25) 2-Nitrophenol	9.598	139	553129	58.759	ng/ul#	82
26) 2,4-Dimethylphenol	9.669	107	1128556	43.880	ng/ul	95
27) Bis(2-Chloroethoxy)met...	9.910	93	1363892	43.969	ng/ul	97
29) 2,4-Dichlorophenol	10.134	162	898720	45.030	ng/ul	99
30) Naphthalene	10.534	128	3270122	42.510	ng/ul	100
32) 4-Chloroaniline	10.651	127	1391824	44.806	ng/ul	99
33) Hexachlorobutadiene	10.816	225	511714	40.132	ng/ul	96
34) Caprolactam	11.451	113	306382m	48.866	ng/ul	
35) 4-Chloro-3-methylphenol	11.787	107	1009511	46.669	ng/ul	93
36) 2-Methylnaphthalene	12.157	142	2127371	42.707	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.375	142	2143676	43.317	ng/ul#	100
39) 1,2,4,5-Tetrachloroben...	12.522	216	966099	40.580	ng/ul#	98
40) Hexachlorocyclopentadiene	12.504	237	596324	39.529	ng/ul	95
41) 2,4,6-Trichlorophenol	12.775	196	651581	47.471	ng/ul	100
42) 2,4,5-Trichlorophenol	12.845	196	696650	47.297	ng/ul	99
43) 1,1'-Biphenyl	13.181	154	2720943	41.719	ng/ul#	98
44) 2-Chloronaphthalene	13.216	162	2035585	41.432	ng/ul	98
45) 2-Nitroaniline	13.433	65	633276	60.752	ng/ul#	78
47) Dimethylphthalate	13.822	163	2503383	44.047	ng/ul	98
48) 2,6-Dinitrotoluene	13.939	165	495455	58.182	ng/ul	93
50) Acenaphthylene	14.069	152	3358762	42.342	ng/ul	98
51) 3-Nitroaniline	14.269	138	573154	56.142	ng/ul	89
52) Acenaphthene	14.416	153	2184666	42.683	ng/ul	99
53) 2,4-Dinitrophenol	14.469	184	260680	79.739	ng/ul	85
55) 4-Nitrophenol	14.580	109	386808	54.879	ng/ul#	74
56) Dibenzofuran	14.757	168	2994062	42.705	ng/ul	96
57) 2,4-Dinitrotoluene	14.728	165	703686	61.843	ng/ul#	84
58) 2,3,4,6-Tetrachlorophenol	14.980	232	539831	51.179	ng/ul#	88
59) Diethylphthalate	15.198	149	2566137	45.416	ng/ul	98
61) Fluorene	15.410	166	2399231	42.917	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.410	204	1092714	41.755	ng/ul	97
63) 4-Nitroaniline	15.439	138	549139	58.177	ng/ul#	77
66) 4,6-Dinitro-2-methylph...	15.492	198	370717	62.951	ng/ul#	95
67) N-Nitrosodiphenylamine	15.627	169	2072281	41.594	ng/ul	98
68) 4-Bromophenyl-phenylether	16.310	248	655990	39.793	ng/ul	95
69) Hexachlorobenzene	16.410	284	758427	39.720	ng/ul	93
70) Atrazine	16.598	200	718367	43.490	ng/ul	98
71) Pentachlorophenol	16.763	266	468496	47.651	ng/ul	96
72) Phenanthrene	17.163	178	3759804	42.922	ng/ul	99
74) Anthracene	17.257	178	3760927	42.689	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.139	216	1008300	37.147	ng/uL	98
76) Pentachlorobenzene	14.669	250	907772	38.994	ng/uL	99
77) Carbazole	17.533	167	3526382	44.467	ng/ul	99
78) Di-n-butylphthalate	18.104	149	4399010	46.549	ng/ul	99
80) Fluoranthene	19.151	202	4282589	40.344	ng/ul#	87
82) Pyrene	19.504	202	4355843	40.632	ng/ul#	82
83) Butylbenzylphthalate	20.404	149	2000996	53.029	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.168	252	1280553	39.144	ng/ul#	98
85) Benzo(a)anthracene	21.227	228	4148413	41.868	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.174	149	2949859	49.367	ng/ul#	97
87) Chrysene	21.280	228	4017598	42.314	ng/ul	99
89) Di-n-octyl phthalate	22.086	149	4968365	52.553	ng/ul	100
90) Benzo(b)fluoranthene	22.886	252	4296809	43.381	ng/ul#	96
91) Benzo(k)fluoranthene	22.933	252	4126412	43.829	ng/ul#	94
93) Benzo(a)pyrene	23.504	252	4219910	43.797	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	26.056	276	4897714	42.126	ng/ul#	87
95) Dibenzo(a,h)anthracene	26.080	278	4219972	42.315	ng/ul#	92
96) Benzo(g,h,i)perylene	26.809	276	4176577	42.231	ng/ul#	87

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

