

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042122\
 Data File : BP010058.D
 Acq On : 22 Apr 2022 17:12
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020769

Quant Time: Apr 22 23:42:24 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042122.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 21 14:49:38 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 04/25/2022
 Supervised By :mohammad ahmed 04/26/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	153098	20.000	ng/ul	0.00
20) Naphthalene-d8	10.746	136	715283	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.575	164	510941	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.328	188	1125770	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.410	240	1121597	20.000	ng/ul	# 0.00
88) Perylene-d12	23.869	264	966237	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.370	96	28206	8.034	ng/uL	0.00
4) Pyridine-d5	3.787	84	200586	20.309	ng/ul	0.00
7) Phenol-d5	7.105	99	293757	21.095	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.269	67	177951	21.296	ng/ul	0.00
11) 2-Chlorophenol-d4	7.469	132	227666	22.075	ng/ul	0.00
15) 4-Methylphenol-d8	8.652	113	248603	21.547	ng/ul	0.00
21) Nitrobenzene-d5	9.099	128	120311	21.148	ng/ul	0.00
24) 2-Nitrophenol-d4	9.822	143	135666	21.835	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.369	165	256397	21.198	ng/ul	0.00
31) 4-Chloroaniline-d4	10.881	131	379209	21.865	ng/ul	0.00
46) Dimethylphthalate-d6	13.981	166	809130	20.358	ng/ul	0.00
49) Acenaphthylene-d8	14.263	160	1017314	21.149	ng/ul	0.00
54) 4-Nitrophenol-d4	14.763	143	147395	20.144	ng/ul	0.00
60) Fluorene-d10	15.569	176	704049	20.593	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.681	200	137207	19.275	ng/ul	0.00
73) Anthracene-d10	17.428	188	1149910	21.113	ng/ul	0.00
81) Pyrene-d10	19.657	212	1384940	21.712	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.704	264	1074519	21.212	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.405	88	29572	8.106	ng/uL#	19
5) Pyridine	3.805	79	209702	20.425	ng/ul#	43
6) Benzaldehyde	7.075	77	161953	21.762	ng/ul	96
8) Phenol	7.128	94	298367	21.324	ng/ul#	94
10) Bis(2-Chloroethyl)ether	7.358	93	231527	21.477	ng/ul#	77
12) 2-Chlorophenol	7.505	128	227966	21.914	ng/ul	94
13) 2-Methylphenol	8.381	108	228528	21.296	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.475	45	342576	21.416	ng/ul#	85
16) Acetophenone	8.763	105	382750	21.262	ng/ul#	80
17) N-Nitroso-di-n-propyla...	8.752	70	204565	21.690	ng/ul#	74
18) 4-Methylphenol	8.710	108	255569	21.630	ng/ul	89
19) Hexachloroethane	9.028	117	94390	21.594	ng/ul#	82
22) Nitrobenzene	9.140	77	290388	20.834	ng/ul#	83
23) Isophorone	9.669	82	575127	20.891	ng/ul#	97
25) 2-Nitrophenol	9.857	139	139394	21.183	ng/ul#	82
26) 2,4-Dimethylphenol	9.916	107	300832	21.116	ng/ul#	76
27) Bis(2-Chloroethoxy)met...	10.152	93	334078	20.704	ng/ul#	97
29) 2,4-Dichlorophenol	10.393	162	250287	21.526	ng/ul#	85
30) Naphthalene	10.799	128	787259	21.029	ng/ul	97
32) 4-Chloroaniline	10.905	127	372504	21.796	ng/ul	97
33) Hexachlorobutadiene	11.093	225	168601	20.460	ng/ul	96
34) Caprolactam	11.669	113	86742m	20.740	ng/ul	
35) 4-Chloro-3-methylphenol	12.028	107	296094	21.081	ng/ul#	66
36) 2-Methylnaphthalene	12.404	142	565170	20.815	ng/ul	89

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.622	142	569678	20.664	ng/ul#	94
39) 1,2,4,5-Tetrachloroben...	12.775	216	329411	20.868	ng/ul#	94
40) Hexachlorocyclopentadiene	12.757	237	149224	16.774	ng/ul	96
41) 2,4,6-Trichlorophenol	13.010	196	220683	21.607	ng/ul#	87
42) 2,4,5-Trichlorophenol	13.081	196	241388	21.722	ng/ul#	86
43) 1,1'-Biphenyl	13.410	154	785811	20.852	ng/ul	93
44) 2-Chloronaphthalene	13.451	162	611137	20.956	ng/ul	93
45) 2-Nitroaniline	13.646	65	202504	21.414	ng/ul#	81
47) Dimethylphthalate	14.028	163	787667	20.391	ng/ul#	92
48) 2,6-Dinitrotoluene	14.146	165	168030	21.197	ng/ul	91
50) Acenaphthylene	14.293	152	1008981	21.176	ng/ul	95
51) 3-Nitroaniline	14.469	138	116513	16.225	ng/ul#	80
52) Acenaphthene	14.640	153	647198	20.889	ng/ul	96
53) 2,4-Dinitrophenol	14.681	184	80531	18.180	ng/ul#	81
55) 4-Nitrophenol	14.781	109	123609	19.444	ng/ul#	47
56) Dibenzofuran	14.975	168	949140	20.688	ng/ul	98
57) 2,4-Dinitrotoluene	14.928	165	248342	21.445	ng/ul#	82
58) 2,3,4,6-Tetrachlorophenol	15.198	232	210484	21.308	ng/ul#	87
59) Diethylphthalate	15.393	149	804272	20.470	ng/ul	93
61) Fluorene	15.622	166	779566	20.696	ng/ul	90
62) 4-Chlorophenyl-phenyle...	15.616	204	403803	20.369	ng/ul	98
63) 4-Nitroaniline	15.634	138	112100m	16.043	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.698	198	133462	19.433	ng/ul#	92
67) N-Nitrosodiphenylamine	15.828	169	683453	21.159	ng/ul	94
68) 4-Bromophenyl-phenylether	16.510	248	252268	21.008	ng/ul	95
69) Hexachlorobenzene	16.634	284	289841m	20.795	ng/ul	
70) Atrazine	16.781	200	270384	20.589	ng/ul#	89
71) Pentachlorophenol	16.975	266	181865	20.489	ng/ul#	84
72) Phenanthrene	17.369	178	1291695	21.110	ng/ul	99
74) Anthracene	17.463	178	1296940	21.044	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.375	216	352025	21.419	ng/uL#	85
76) Pentachlorobenzene	14.898	250	335791	20.835	ng/uL	91
77) Carbazole	17.728	167	1149466	21.077	ng/ul#	96
78) Di-n-butylphthalate	18.281	149	1425138	21.240	ng/ul#	92
80) Fluoranthene	19.333	202	1587090	22.060	ng/ul#	95
82) Pyrene	19.686	202	1607063	21.681	ng/ul#	93
83) Butylbenzylphthalate	20.551	149	682881	22.288	ng/ul#	80
84) 3,3'-Dichlorobenzidine	21.322	252	401086	19.874	ng/ul#	96
85) Benzo(a)anthracene	21.392	228	1515224	21.287	ng/ul	94
86) Bis(2-ethylhexyl)phtha...	21.316	149	998242	21.982	ng/ul#	81
87) Chrysene	21.445	228	1480689	21.126	ng/ul	99
89) Di-n-octyl phthalate	22.257	149	1688159	22.474	ng/ul	100
90) Benzo(b)fluoranthene	23.116	252	1388355	21.373	ng/ul	99
91) Benzo(k)fluoranthene	23.163	252	1280013	20.803	ng/ul#	97
93) Benzo(a)pyrene	23.757	252	1260601	20.986	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.427	276	1231682	20.612	ng/ul#	95
95) Dibenzo(a,h)anthracene	26.445	278	1062693	20.784	ng/ul#	95
96) Benzo(g,h,i)perylene	27.215	276	1054505	20.914	ng/ul#	93

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

