

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032522\
 Data File : BG052865.D
 Acq On : 26 Mar 2022 15:24
 Operator : CG/JU
 Sample : PB143577BS
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS577

Quant Time: Mar 28 00:59:46 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG031822.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 23 13:16:32 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/28/2022
 Supervised By :mohammad ahmed 03/29/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.143	152	25265	20.000	ng/u1	0.00
20) Naphthalene-d8	10.957	136	122265	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.764	164	97975	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.507	188	239408	20.000	ng/u1	0.00
79) Chrysene-d12	21.796	240	251505	20.000	ng/u1	0.00
88) Perylene-d12	25.109	264	259860	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.556	96	4132	5.777	ng/uL	0.00
4) Pyridine-d5	3.967	84	64249	35.981	ng/u1	0.00
7) Phenol-d5	7.286	99	92750	40.988	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.456	67	54918	39.736	ng/u1	0.00
11) 2-Chlorophenol-d4	7.668	132	60157	39.152	ng/u1	0.00
15) 4-Methylphenol-d8	8.837	113	72014	43.932	ng/u1	0.00
21) Nitrobenzene-d5	9.295	128	33673	38.260	ng/u1	0.00
24) 2-Nitrophenol-d4	10.023	143	39443	42.490	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.570	165	76622	37.941	ng/u1	0.00
31) 4-Chloroaniline-d4	11.081	131	94209	35.296	ng/u1	0.00
46) Dimethylphthalate-d6	14.159	166	278207	36.962	ng/u1	0.00
49) Acenaphthylene-d8	14.458	160	317126	34.673	ng/u1	0.00
54) 4-Nitrophenol-d4	14.934	143	49327	38.978	ng/u1	0.00
60) Fluorene-d10	15.751	176	237499	35.936	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.857	200	50457	41.414	ng/u1	0.00
73) Anthracene-d10	17.607	188	389347	34.924	ng/u1	0.00
81) Pyrene-d10	19.886	212	496571	35.294	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.880	264	506168	37.698	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.585	88	10432	11.904	ng/uL	95
5) Pyridine	3.990	79	70552	36.566	ng/u1	94
6) Benzaldehyde	7.274	77	58899m	39.153	ng/u1	
8) Phenol	7.309	94	91765	42.076	ng/u1	92
10) Bis(2-Chloroethyl)ether	7.550	93	65437	39.773	ng/u1	97
12) 2-Chlorophenol	7.703	128	61690	39.296	ng/u1	91
13) 2-Methylphenol	8.572	108	71794	42.356	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.666	45	107725	40.282	ng/u1#	95
16) Acetophenone	8.960	105	109470	42.808	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.942	70	66883	44.864	ng/u1	97
18) 4-Methylphenol	8.901	108	76481	43.308	ng/u1	92
19) Hexachloroethane	9.236	117	25706	36.905	ng/u1	95
22) Nitrobenzene	9.342	77	98244	38.203	ng/u1	98
23) Isophorone	9.871	82	189188	38.488	ng/u1	97
25) 2-Nitrophenol	10.059	139	39877	41.425	ng/u1	96
26) 2,4-Dimethylphenol	10.111	107	88216	36.983	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.346	93	95982	35.113	ng/u1	97
29) 2,4-Dichlorophenol	10.593	162	73409	37.387	ng/u1	95
30) Naphthalene	11.004	128	222656	35.190	ng/u1	98
32) 4-Chloroaniline	11.104	127	92760	35.368	ng/u1	95
33) Hexachlorobutadiene	11.298	225	54124	33.752	ng/u1	98
34) Caprolactam	11.862	113	28261m	47.790	ng/u1	
35) 4-Chloro-3-methylphenol	12.214	107	91660	43.034	ng/u1	90
36) 2-Methylnaphthalene	12.596	142	164825	36.913	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.820	142	167439	37.040	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.966	216	108099	33.381	ng/ul	99
40) Hexachlorocyclopentadiene	12.949	237	64215	28.643	ng/ul	95
41) 2,4,6-Trichlorophenol	13.195	196	74082	37.437	ng/ul	99
42) 2,4,5-Trichlorophenol	13.266	196	80509	37.674	ng/ul	99
43) 1,1'-Biphenyl	13.595	154	231751	33.101	ng/ul	98
44) 2-Chloronaphthalene	13.642	162	187858	33.509	ng/ul	96
45) 2-Nitroaniline	13.830	65	72910	44.367	ng/ul	89
47) Dimethylphthalate	14.206	163	261283	36.376	ng/ul	98
48) 2,6-Dinitrotoluene	14.323	165	55082	42.332	ng/ul	93
50) Acenaphthylene	14.488	152	305636	34.600	ng/ul	99
51) 3-Nitroaniline	14.652	138	51542	39.244	ng/ul	90
52) Acenaphthene	14.829	153	204778	35.486	ng/ul	98
53) 2,4-Dinitrophenol	14.852	184	33182	41.049	ng/ul#	75
55) 4-Nitrophenol	14.952	109	55486	41.661	ng/ul	97
56) Dibenzofuran	15.158	168	303867	35.519	ng/ul	99
57) 2,4-Dinitrotoluene	15.111	165	79906	43.282	ng/ul#	85
58) 2,3,4,6-Tetrachlorophenol	15.381	232	78762	40.889	ng/ul#	97
59) Diethylphthalate	15.569	149	277415	38.134	ng/ul	99
61) Fluorene	15.810	166	250565	35.334	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.792	204	137937	36.555	ng/ul	97
63) 4-Nitroaniline	15.815	138	53882	41.718	ng/ul	83
66) 4,6-Dinitro-2-methylph...	15.874	198	49386	41.429	ng/ul	96
67) N-Nitrosodiphenylamine	16.003	169	226321	34.964	ng/ul	97
68) 4-Bromophenyl-phenylether	16.691	248	100587	42.433	ng/ul	96
69) Hexachlorobenzene	16.814	284	113351	37.018	ng/ul	93
70) Atrazine	16.949	200	100587	37.917	ng/ul	99
71) Pentachlorophenol	17.149	266	67891	36.460	ng/ul	96
72) Phenanthrene	17.548	178	451680	35.948	ng/ul	99
74) Anthracene	17.642	178	437544	34.831	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.566	216	117802	33.038	ng/uL	98
76) Pentachlorobenzene	15.081	250	125090	36.566	ng/uL	98
77) Carbazole	17.901	167	411205	37.039	ng/ul	98
78) Di-n-butylphthalate	18.459	149	479978	36.357	ng/ul	99
80) Fluoranthene	19.552	202	598408	36.092	ng/ul	99
82) Pyrene	19.916	202	578155	35.083	ng/ul#	95
83) Butylbenzylphthalate	20.791	149	217395	37.942	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.678	252	191801	34.025	ng/ul	99
85) Benzo(a)anthracene	21.772	228	584201	35.990	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.672	149	300541	37.870	ng/ul	100
87) Chrysene	21.843	228	558682	36.084	ng/ul	99
89) Di-n-octyl phthalate	22.918	149	522827	38.628	ng/ul	100
90) Benzo(b)fluoranthene	24.051	252	634490	37.813	ng/ul	99
91) Benzo(k)fluoranthene	24.128	252	564533m	36.454	ng/ul	
93) Benzo(a)pyrene	24.956	252	585439	36.955	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.904	276	688284	38.416	ng/ul	99
95) Dibenzo(a,h)anthracene	28.968	278	578953	38.019	ng/ul	97
96) Benzo(g,h,i)perylene	30.084	276	575901	38.025	ng/ul	98

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

