

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032822\
 Data File : BG052926.D
 Acq On : 29 Mar 2022 14:31
 Operator : CG/JU
 Sample : PB143667BS
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS667

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 03/30/2022
 Supervised By :Yogesh Patel 04/02/2022

Quant Time: Mar 30 01:09:19 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.135	152	29446	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.949	136	137965	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.755	164	108126	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.499	188	254589	20.000	ng/u1	0.00
79) Chrysene-d12	21.787	240	254187	20.000	ng/u1	# 0.00
88) Perylene-d12	25.094	264	263511	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.547	96	5086	6.101	ng/uL	0.00
4) Pyridine-d5	3.964	84	71548	34.379	ng/u1	-0.01
7) Phenol-d5	7.277	99	109549	41.538	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.453	67	65816	40.860	ng/u1	0.00
11) 2-Chlorophenol-d4	7.665	132	72025	40.220	ng/u1	-0.01
15) 4-Methylphenol-d8	8.834	113	84938	44.459	ng/u1	0.00
21) Nitrobenzene-d5	9.292	128	40434	40.714	ng/u1	0.00
24) 2-Nitrophenol-d4	10.020	143	46168	44.075	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.561	165	90797	39.844	ng/u1	0.00
31) 4-Chloroaniline-d4	11.072	131	111549	37.037	ng/u1	0.00
46) Dimethylphthalate-d6	14.150	166	323383	38.930	ng/u1	-0.01
49) Acenaphthylene-d8	14.450	160	356534	35.322	ng/u1	0.00
54) 4-Nitrophenol-d4	14.931	143	54087	38.727	ng/u1	0.00
60) Fluorene-d10	15.742	176	275431	37.763	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.854	200	57779	44.596	ng/u1	0.00
73) Anthracene-d10	17.598	188	437311	36.888	ng/u1	0.00
81) Pyrene-d10	19.878	212	542432	38.146	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.871	264	545928	40.096	ng/u1	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.582	88	12662	12.397	ng/uL	95
5) Pyridine	3.982	79	81783	36.368	ng/u1	96
6) Benzaldehyde	7.265	77	69997	39.923	ng/u1	96
8) Phenol	7.307	94	116306	45.757	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.542	93	81959	42.742	ng/u1	98
12) 2-Chlorophenol	7.694	128	76347	41.727	ng/u1	89
13) 2-Methylphenol	8.564	108	91451	46.292	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.658	45	133407	42.802	ng/u1	99
16) Acetophenone	8.951	105	137837	46.247	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.940	70	82624	47.553	ng/u1	98
18) 4-Methylphenol	8.898	108	98865	48.035	ng/u1	94
19) Hexachloroethane	9.227	117	31273	38.523	ng/u1	91
22) Nitrobenzene	9.339	77	122638	42.262	ng/u1	97
23) Isophorone	9.862	82	238814	43.055	ng/u1	99
25) 2-Nitrophenol	10.050	139	49086	45.189	ng/u1#	86
26) 2,4-Dimethylphenol	10.103	107	109286	40.603	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.338	93	122492	39.712	ng/u1	99
29) 2,4-Dichlorophenol	10.590	162	95122	42.932	ng/u1	97
30) Naphthalene	11.002	128	277592	38.880	ng/u1	99
32) 4-Chloroaniline	11.096	127	104071	35.165	ng/u1	97
33) Hexachlorobutadiene	11.289	225	71511	39.520	ng/u1	97
34) Caprolactam	11.847	113	35146m	52.669	ng/u1	
35) 4-Chloro-3-methylphenol	12.206	107	112785	46.927	ng/u1	91
36) 2-Methylnaphthalene	12.593	142	204231	40.533	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.811	142	211000	41.365	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.964	216	136652	38.236	ng/ul	100
40) Hexachlorocyclopentadiene	12.946	237	84108	33.994	ng/ul	98
41) 2,4,6-Trichlorophenol	13.193	196	91416	41.859	ng/ul	97
42) 2,4,5-Trichlorophenol	13.263	196	99400	42.147	ng/ul	98
43) 1,1'-Biphenyl	13.592	154	296456	38.368	ng/ul	100
44) 2-Chloronaphthalene	13.639	162	233016	37.662	ng/ul	98
45) 2-Nitroaniline	13.827	65	90486	49.893	ng/ul	93
47) Dimethylphthalate	14.203	163	319545	40.310	ng/ul#	98
48) 2,6-Dinitrotoluene	14.321	165	68408	47.638	ng/ul	91
50) Acenaphthylene	14.479	152	379673	38.947	ng/ul	98
51) 3-Nitroaniline	14.650	138	67621	46.653	ng/ul	99
52) Acenaphthene	14.820	153	253380	39.786	ng/ul	98
53) 2,4-Dinitrophenol	14.849	184	40963	45.918	ng/ul#	64
55) 4-Nitrophenol	14.943	109	66814	45.457	ng/ul	94
56) Dibenzofuran	15.155	168	381672	40.425	ng/ul	98
57) 2,4-Dinitrotoluene	15.102	165	97007	47.611	ng/ul#	84
58) 2,3,4,6-Tetrachlorophenol	15.378	232	93354	43.914	ng/ul#	99
59) Diethylphthalate	15.560	149	332200	41.378	ng/ul	99
61) Fluorene	15.801	166	304565	38.917	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.789	204	168980	40.577	ng/ul	97
63) 4-Nitroaniline	15.813	138	69530	48.780	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.871	198	61172	48.256	ng/ul#	95
67) N-Nitrosodiphenylamine	16.001	169	273648	39.754	ng/ul	95
68) 4-Bromophenyl-phenylether	16.682	248	125453	49.767	ng/ul	97
69) Hexachlorobenzene	16.811	284	135194	41.518	ng/ul	97
70) Atrazine	16.941	200	90802	32.188	ng/ul	99
71) Pentachlorophenol	17.146	266	80245	40.525	ng/ul	96
72) Phenanthrene	17.540	178	540836	40.476	ng/ul	98
74) Anthracene	17.634	178	525301	39.323	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.563	216	151441	39.940	ng/uL	97
76) Pentachlorobenzene	15.078	250	157676	43.343	ng/uL	99
77) Carbazole	17.898	167	481653	40.798	ng/ul	97
78) Di-n-butylphthalate	18.450	149	565578	40.286	ng/ul	99
80) Fluoranthene	19.543	202	701560	41.867	ng/ul	99
82) Pyrene	19.907	202	670866	40.279	ng/ul	97
83) Butylbenzylphthalate	20.788	149	248060	42.837	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.675	252	231219	40.585	ng/ul	97
85) Benzo(a)anthracene	21.763	228	666828	40.647	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.664	149	348342	43.431	ng/ul	98
87) Chrysene	21.834	228	638544	40.807	ng/ul	99
89) Di-n-octyl phthalate	22.909	149	589612	42.958	ng/ul	100
90) Benzo(b)fluoranthene	24.043	252	723663	42.530	ng/ul	99
91) Benzo(k)fluoranthene	24.113	252	647488	41.231	ng/ul#	98
93) Benzo(a)pyrene	24.941	252	666741	41.504	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.871	276	778467	42.848	ng/ul	97
95) Dibenzo(a,h)anthracene	28.948	278	638559	41.352	ng/ul	98
96) Benzo(g,h,i)perylene	30.064	276	652785	42.504	ng/ul	98

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

