

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG033022\
 Data File : BG052994.D
 Acq On : 1 Apr 2022 00:29
 Operator : CG/JU
 Sample : PB143768BS
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS768

Quant Time: Apr 01 02:41:41 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG031822.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 31 00:50:49 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 04/01/2022
 Supervised By :Yogesh Patel 04/06/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.137	152	30637	20.000	ng/u1	0.00
20) Naphthalene-d8	10.951	136	129551	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.757	164	100201	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.495	188	241340	20.000	ng/u1	0.00
79) Chrysene-d12	21.783	240	246742	20.000	ng/u1	# 0.00
88) Perylene-d12	25.085	264	260050	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.549	96	5295	6.105	ng/uL	0.00
4) Pyridine-d5	3.966	84	69377	32.040	ng/u1	0.00
7) Phenol-d5	7.279	99	91913	33.496	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.450	67	60811	36.285	ng/u1	0.00
11) 2-Chlorophenol-d4	7.667	132	65599	35.208	ng/u1	0.00
15) 4-Methylphenol-d8	8.830	113	71424	35.932	ng/u1	0.00
21) Nitrobenzene-d5	9.294	128	34964	37.492	ng/u1	0.00
24) 2-Nitrophenol-d4	10.023	143	38646	39.290	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.557	165	75845	35.444	ng/u1	0.00
31) 4-Chloroaniline-d4	11.074	131	83303	29.455	ng/u1	0.00
46) Dimethylphthalate-d6	14.152	166	260334	33.819	ng/u1	0.00
49) Acenaphthylene-d8	14.446	160	297784	31.835	ng/u1	0.00
54) 4-Nitrophenol-d4	14.928	143	47452	36.663	ng/u1	0.00
60) Fluorene-d10	15.744	176	224758	33.253	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.856	200	49661	40.435	ng/u1	0.00
73) Anthracene-d10	17.595	188	370785m	32.993	ng/u1	0.00
81) Pyrene-d10	19.880	212	473484	34.302	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.861	264	464890	34.598	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.590	88	11138	10.481	ng/uL	90
5) Pyridine	3.984	79	74621	31.894	ng/u1	96
6) Benzaldehyde	7.268	77	71958	39.446	ng/u1	94
8) Phenol	7.309	94	92345	34.918	ng/u1	92
10) Bis(2-Chloroethyl)ether	7.544	93	68003	34.085	ng/u1	99
12) 2-Chlorophenol	7.696	128	65665	34.494	ng/u1	92
13) 2-Methylphenol	8.566	108	72719	35.379	ng/u1	94
14) 2,2'-oxybis(1-Chloropr...	8.660	45	112076	34.560	ng/u1	98
16) Acetophenone	8.953	105	109580	35.337	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.936	70	65372	36.162	ng/u1	98
18) 4-Methylphenol	8.895	108	77967	36.408	ng/u1	97
19) Hexachloroethane	9.224	117	27809	32.924	ng/u1#	85
22) Nitrobenzene	9.335	77	98413	36.116	ng/u1	97
23) Isophorone	9.858	82	183590	35.249	ng/u1	97
25) 2-Nitrophenol	10.052	139	39047	38.282	ng/u1#	79
26) 2,4-Dimethylphenol	10.105	107	89094	35.251	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.340	93	97532	33.673	ng/u1	98
29) 2,4-Dichlorophenol	10.587	162	72462	34.829	ng/u1	96
30) Naphthalene	10.998	128	219454	32.733	ng/u1	99
32) 4-Chloroaniline	11.098	127	80166	28.847	ng/u1	100
33) Hexachlorobutadiene	11.291	225	59180	34.829	ng/u1	94
34) Caprolactam	11.844	113	25907m	41.345	ng/u1	
35) 4-Chloro-3-methylphenol	12.208	107	85399	37.840	ng/u1	98
36) 2-Methylnaphthalene	12.590	142	158141	33.424	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.813	142	164079	34.255	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.960	216	105344	31.807	ng/ul	99
40) Hexachlorocyclopentadiene	12.942	237	74280	32.396	ng/ul	97
41) 2,4,6-Trichlorophenol	13.189	196	70592	34.881	ng/ul	99
42) 2,4,5-Trichlorophenol	13.259	196	73748	33.744	ng/ul	97
43) 1,1'-Biphenyl	13.588	154	226817	31.677	ng/ul	99
44) 2-Chloronaphthalene	13.635	162	177539	30.965	ng/ul	95
45) 2-Nitroaniline	13.829	65	67622	40.235	ng/ul	94
47) Dimethylphthalate	14.199	163	245620	33.435	ng/ul	99
48) 2,6-Dinitrotoluene	14.317	165	49875	37.479	ng/ul	86
50) Acenaphthylene	14.475	152	290182	32.121	ng/ul	98
51) 3-Nitroaniline	14.646	138	49768	37.051	ng/ul	95
52) Acenaphthene	14.816	153	191312	32.416	ng/ul	97
53) 2,4-Dinitrophenol	14.851	184	31286	37.844	ng/ul#	62
55) 4-Nitrophenol	14.940	109	53290	39.123	ng/ul	92
56) Dibenzofuran	15.151	168	288225	32.942	ng/ul	98
57) 2,4-Dinitrotoluene	15.104	165	76144	40.328	ng/ul#	88
58) 2,3,4,6-Tetrachlorophenol	15.374	232	74502	37.818	ng/ul#	98
59) Diethylphthalate	15.556	149	257476	34.607	ng/ul	99
61) Fluorene	15.797	166	238298	32.858	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.785	204	129261	33.495	ng/ul	98
63) 4-Nitroaniline	15.809	138	54765m	41.460	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.868	198	47199	39.277	ng/ul#	96
67) N-Nitrosodiphenylamine	15.997	169	214309	32.843	ng/ul	94
68) 4-Bromophenyl-phenylether	16.684	248	95982	40.166	ng/ul	93
69) Hexachlorobenzene	16.808	284	108137	35.032	ng/ul#	93
70) Atrazine	16.943	200	95942	35.877	ng/ul	99
71) Pentachlorophenol	17.142	266	63257	33.700	ng/ul	93
72) Phenanthrene	17.542	178	423768	33.456	ng/ul	98
74) Anthracene	17.630	178	416107	32.859	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.559	216	114137	31.754	ng/ul	99
76) Pentachlorobenzene	15.075	250	117127	33.964	ng/ul	97
77) Carbazole	17.894	167	383199	34.240	ng/ul	98
78) Di-n-butylphthalate	18.447	149	454793	34.174	ng/ul#	98
80) Fluoranthene	19.545	202	560114	34.434	ng/ul	98
82) Pyrene	19.903	202	544535	33.680	ng/ul#	96
83) Butylbenzylphthalate	20.785	149	200597	35.686	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.672	252	186105	33.652	ng/ul	96
85) Benzo(a)anthracene	21.760	228	542207	34.048	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.660	149	278825	35.812	ng/ul	97
87) Chrysene	21.830	228	512906	33.767	ng/ul	99
89) Di-n-octyl phthalate	22.899	149	471108	34.781	ng/ul	100
90) Benzo(b)fluoranthene	24.033	252	583004m	34.719	ng/ul	
91) Benzo(k)fluoranthene	24.109	252	506141	32.660	ng/ul	99
93) Benzo(a)pyrene	24.932	252	534142	33.692	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	28.868	276	623343	34.766	ng/ul	98
95) Dibenzo(a,h)anthracene	28.938	278	520111	34.130	ng/ul	97
96) Benzo(g,h,i)perylene	30.054	276	522162	34.452	ng/ul	97

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

