

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060624\
 Data File : BG061528.D
 Acq On : 7 Jun 2024 3:20
 Operator : MA/JU
 Sample : PB161346BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS346

Manual Integrations
 APPROVED

Reviewed By :Jagrut
 Upadhyay

06/07/2024
 Supervised By :mohammad
 ahmed

Quant Time: Jun 07 04:02:22 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 06 12:15:45 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.881	152	30934	20.000	ng/u1	0.00
20) Naphthalene-d8	10.672	136	110195	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.509	164	77377	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.259	188	176734	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.518	240	190888	20.000	ng/u1	0.00
88) Perylene-d12	24.609	264	212713	20.000	ng/u1	0.00

06/08/2024

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	3027m	5.476	ng/uL	0.01
4) Pyridine-d5	3.774	84	46764	23.780	ng/u1	0.00
7) Phenol-d5	7.071	99	65280	25.698	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.212	67	40022	25.065	ng/u1	0.00
11) 2-Chlorophenol-d4	7.423	132	55941	29.755	ng/u1	0.00
15) 4-Methylphenol-d8	8.604	113	55312	25.535	ng/u1	0.00
21) Nitrobenzene-d5	9.039	128	27788	32.753	ng/u1	0.00
24) 2-Nitrophenol-d4	9.756	143	31719	31.944	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.308	165	64660	33.403	ng/u1	0.00
31) 4-Chloroaniline-d4	10.807	131	73013	28.830	ng/u1	0.00
46) Dimethylphthalate-d6	13.916	166	192110	32.012	ng/u1	0.00
49) Acenaphthylene-d8	14.203	160	207745	33.297	ng/u1	0.00
54) 4-Nitrophenol-d4	14.762	143	22874	30.830	ng/u1	0.00
60) Fluorene-d10	15.508	176	165947	32.029	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.655	200	20950	19.599	ng/u1	0.00
73) Anthracene-d10	17.364	188	279662	35.892	ng/u1	0.00
81) Pyrene-d10	19.656	212	336037	34.285	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.403	264	370585	36.238	ng/u1	0.00

Target Compounds	Qvalue					
2) 1,4-Dioxane	3.398	88	7445	11.222	ng/uL#	73
5) Pyridine	3.798	79	46052	23.677	ng/u1	93
6) Benzaldehyde	7.024	77	40622	30.582	ng/u1	91
8) Phenol	7.100	94	66260	25.600	ng/u1	89
10) Bis(2-Chloroethyl)ether	7.306	93	48851	25.803	ng/u1	88
12) 2-Chlorophenol	7.453	128	56082	28.226	ng/u1	96
13) 2-Methylphenol	8.334	108	51833	25.840	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.398	45	106580	20.845	ng/u1#	94
16) Acetophenone	8.698	105	87630	23.704	ng/u1	94
17) N-Nitroso-di-n-propyla...	8.686	70	44725	22.004	ng/u1#	81
18) 4-Methylphenol	8.669	108	55292	24.878	ng/u1	100
19) Hexachloroethane	8.951	117	25648	29.013	ng/u1	87
22) Nitrobenzene	9.080	77	68363	29.378	ng/u1	93
23) Isophorone	9.603	82	119249	25.192	ng/u1	99
25) 2-Nitrophenol	9.791	139	33771	31.335	ng/u1	94
26) 2,4-Dimethylphenol	9.861	107	54996	25.753	ng/u1	93
27) Bis(2-Chloroethoxy)met...	10.079	93	65789	27.726	ng/u1	98
29) 2,4-Dichlorophenol	10.337	162	59120	33.159	ng/u1	95
30) Naphthalene	10.719	128	179502	30.862	ng/u1	99
32) 4-Chloroaniline	10.831	127	65095	25.865	ng/u1	98
33) Hexachlorobutadiene	11.001	225	61618	35.357	ng/u1	97
34) Caprolactam	11.601	113	16489m	24.173	ng/u1	
35) 4-Chloro-3-methylphenol	11.983	107	62855	27.271	ng/u1	94
36) 2-Methylnaphthalene	12.329	142	120060	28.464	ng/u1	95

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QLast Update : Thu Jun 06 12:15:45 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.552	142	123482	28.526	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.705	216	101432	39.705	ng/ul	97
40) Hexachlorocyclopentadiene	12.676	237	3384	2.935	ng/ul	93
41) 2,4,6-Trichlorophenol	12.952	196	55663	38.683	ng/ul	99
42) 2,4,5-Trichlorophenol	13.040	196	60970	40.235	ng/ul	95
43) 1,1'-Biphenyl	13.340	154	170189	34.015	ng/ul	97
44) 2-Chloronaphthalene	13.387	162	137376	34.889	ng/ul	98
45) 2-Nitroaniline	13.592	65	47064	28.961	ng/ul	97
47) Dimethylphthalate	13.963	163	190254	30.417	ng/ul	99
48) 2,6-Dinitrotoluene	14.092	165	37637	30.684	ng/ul	97
50) Acenaphthylene	14.233	152	222052	32.096	ng/ul	98
51) 3-Nitroaniline	14.427	138	35205	33.072	ng/ul	98
52) Acenaphthene	14.574	153	145281	32.011	ng/ul	99
53) 2,4-Dinitrophenol	14.656	184	7422m	11.411	ng/ul	
55) 4-Nitrophenol	14.773	109	25205	28.894	ng/ul	94
56) Dibenzofuran	14.914	168	209966	32.357	ng/ul	99
57) 2,4-Dinitrotoluene	14.891	165	56118	30.071	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.149	232	50978	36.886	ng/ul	93
59) Diethylphthalate	15.332	149	179580	29.074	ng/ul	98
61) Fluorene	15.561	166	177570	31.627	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.555	204	105377	32.002	ng/ul	99
63) 4-Nitroaniline	15.596	138	37580	33.895	ng/ul	88
66) 4,6-Dinitro-2-methylph...	15.666	198	21524	19.214	ng/ul	94
67) N-Nitrosodiphenylamine	15.772	169	156511	35.234	ng/ul	98
68) 4-Bromophenyl-phenylether	16.448	248	75386	36.000	ng/ul	98
69) Hexachlorobenzene	16.577	284	86104	36.993	ng/ul	96
70) Atrazine	16.724	200	55442	31.538	ng/ul	97
71) Pentachlorophenol	16.930	266	29761m	36.737	ng/ul	
72) Phenanthrene	17.306	178	292277	34.073	ng/ul	98
74) Anthracene	17.394	178	303459	34.215	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.310	216	98358	42.103	ng/uL	98
76) Pentachlorobenzene	14.838	250	101900	39.452	ng/uL	92
77) Carbazole	17.670	167	249151	34.537	ng/ul	99
78) Di-n-butylphthalate	18.222	149	302014	33.412	ng/ul	100
80) Fluoranthene	19.321	202	389433	33.121	ng/ul	98
82) Pyrene	19.685	202	405851	33.254	ng/ul	98
83) Butylbenzylphthalate	20.572	149	137626	32.825	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.419	252	124781	30.796	ng/ul	98
85) Benzo(a)anthracene	21.501	228	442998	33.633	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.407	149	196608	31.680	ng/ul#	97
87) Chrysene	21.565	228	419104	34.557	ng/ul	98
89) Di-n-octyl phthalate	22.564	149	351176	32.999	ng/ul	100
90) Benzo(b)fluoranthene	23.639	252	446917	35.288	ng/ul	98
91) Benzo(k)fluoranthene	23.698	252	429832	33.432	ng/ul	98
93) Benzo(a)pyrene	24.474	252	369409	30.717	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.134	276	458371	31.518	ng/ul	96
95) Dibenzo(a,h)anthracene	28.175	278	370063	30.860	ng/ul	98
96) Benzo(g,h,i)perylene	29.227	276	303440	26.227	ng/ul	99

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

