

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062724\
 Data File : BG061769.D
 Acq On : 28 Jun 2024 12:49
 Operator : MA/JU
 Sample : PB161583BS
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS583

Quant Time: Jun 28 14:28:30 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 27 12:23:53 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/28/2024
 Supervised By :mohammad ahmed 06/29/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.059	152	66918	20.000	ng/u1	0.00
20) Naphthalene-d8	10.867	136	311659	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.687	164	201537	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.430	188	437374	20.000	ng/u1	0.00
79) Chrysene-d12	21.690	240	336466	20.000	ng/u1	0.00
88) Perylene-d12	24.910	264	387644	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.453	96	12887	6.957	ng/uL	0.00
4) Pyridine-d5	3.876	84	177367	31.669	ng/u1	0.00
7) Phenol-d5	7.207	99	243314	33.493	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.383	67	151019	33.348	ng/u1	0.00
11) 2-Chlorophenol-d4	7.583	132	170410	34.183	ng/u1	0.00
15) 4-Methylphenol-d8	8.758	113	182818	32.553	ng/u1	0.00
21) Nitrobenzene-d5	9.222	128	85251	40.286	ng/u1	0.00
24) 2-Nitrophenol-d4	9.945	143	97589	45.533	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.480	165	182099	35.882	ng/u1	0.00
31) 4-Chloroaniline-d4	11.003	131	228308	29.714	ng/u1	0.00
46) Dimethylphthalate-d6	14.093	166	541499	34.915	ng/u1	0.00
49) Acenaphthylene-d8	14.381	160	624483	36.742	ng/u1	0.00
54) 4-Nitrophenol-d4	14.875	143	98538	36.995	ng/u1	0.01
60) Fluorene-d10	15.674	176	475305	35.007	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.785	200	73384	39.238	ng/u1	0.00
73) Anthracene-d10	17.530	188	736924	36.912	ng/u1	0.00
81) Pyrene-d10	19.810	212	763527	40.625	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.692	264	725613	39.192	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.494	88	24245	10.532	ng/uL#	81
5) Pyridine	3.893	79	174535	28.989	ng/u1	94
6) Benzaldehyde	7.195	77	138786	38.823	ng/u1	90
8) Phenol	7.236	94	243800	31.891	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.477	93	182626	31.740	ng/u1#	95
12) 2-Chlorophenol	7.618	128	174452	34.881	ng/u1	92
13) 2-Methylphenol	8.494	108	171215	32.011	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.576	45	403218m	34.301	ng/u1	
16) Acetophenone	8.882	105	290001	31.360	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.864	70	151339	30.465	ng/u1	98
18) 4-Methylphenol	8.823	108	190452	31.784	ng/u1	99
19) Hexachloroethane	9.140	117	71566	35.687	ng/u1	94
22) Nitrobenzene	9.263	77	232878	38.201	ng/u1	98
23) Isophorone	9.786	82	442008	31.527	ng/u1	97
25) 2-Nitrophenol	9.974	139	98418	43.914	ng/u1#	74
26) 2,4-Dimethylphenol	10.027	107	167576	26.735	ng/u1	91
27) Bis(2-Chloroethoxy)met...	10.274	93	256917	32.394	ng/u1	97
29) 2,4-Dichlorophenol	10.509	162	168356	36.208	ng/u1	97
30) Naphthalene	10.920	128	569958	32.684	ng/u1	98
32) 4-Chloroaniline	11.026	127	218048	28.614	ng/u1	96
33) Hexachlorobutadiene	11.197	225	120292	37.453	ng/u1	94
34) Caprolactam	11.796	113	59511m	30.952	ng/u1	
35) 4-Chloro-3-methylphenol	12.137	107	214996	33.066	ng/u1	91
36) 2-Methylnaphthalene	12.519	142	404418	32.867	ng/u1	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.736	142	404383	30.801	ng/ul	92
39) 1,2,4,5-Tetrachloroben...	12.883	216	222597	39.027	ng/ul	97
40) Hexachlorocyclopentadiene	12.859	237	68844	20.286	ng/ul	100
41) 2,4,6-Trichlorophenol	13.118	196	139308	37.856	ng/ul	95
42) 2,4,5-Trichlorophenol	13.188	196	150108	37.424	ng/ul	88
43) 1,1'-Biphenyl	13.523	154	527175	36.110	ng/ul	99
44) 2-Chloronaphthalene	13.564	162	408880	36.462	ng/ul	99
45) 2-Nitroaniline	13.764	65	173435	45.179	ng/ul	94
47) Dimethylphthalate	14.140	163	509322	33.071	ng/ul	99
48) 2,6-Dinitrotoluene	14.258	165	106645	41.730	ng/ul	98
50) Acenaphthylene	14.410	152	644227	33.955	ng/ul	96
51) 3-Nitroaniline	14.587	138	110415	42.189	ng/ul#	95
52) Acenaphthene	14.751	153	440426	33.520	ng/ul	97
53) 2,4-Dinitrophenol	14.792	184	40888	31.484	ng/ul#	75
55) 4-Nitrophenol	14.886	109	100431	36.512	ng/ul	97
56) Dibenzofuran	15.086	168	629553	34.239	ng/ul	95
57) 2,4-Dinitrotoluene	15.045	165	157273	41.459	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.303	232	130877	33.277	ng/ul#	88
59) Diethylphthalate	15.497	149	529757	33.399	ng/ul	96
61) Fluorene	15.732	166	512374	33.672	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.727	204	249612	33.044	ng/ul	95
63) 4-Nitroaniline	15.750	138	118216	42.637	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.803	198	75055	35.430	ng/ul	93
67) N-Nitrosodiphenylamine	15.938	169	439960	38.899	ng/ul	97
68) 4-Bromophenyl-phenylether	16.620	248	174519	38.753	ng/ul	93
69) Hexachlorobenzene	16.725	284	201056	36.789	ng/ul	97
70) Atrazine	16.884	200	95418	21.121	ng/ul	97
71) Pentachlorophenol	17.072	266	110843	33.296	ng/ul	94
72) Phenanthrene	17.472	178	829874	36.066	ng/ul	98
74) Anthracene	17.566	178	814218	34.603	ng/ul	96
75) 1,2,3,4-Tetrachloroben...	13.488	216	217998	44.737	ng/ul	98
76) Pentachlorobenzene	14.998	250	230167	39.332	ng/ul	91
77) Carbazole	17.830	167	732602	36.669	ng/ul	97
78) Di-n-butylphthalate	18.388	149	915412	38.309	ng/ul	98
80) Fluoranthene	19.475	202	882178	40.454	ng/ul	99
82) Pyrene	19.839	202	921597	39.746	ng/ul	96
83) Butylbenzylphthalate	20.727	149	388845	46.059	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.584	252	257294	36.165	ng/ul	97
85) Benzo(a)anthracene	21.672	228	861919	36.494	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.584	149	546774	44.060	ng/ul	98
87) Chrysene	21.737	228	803501	35.954	ng/ul	98
89) Di-n-octyl phthalate	22.806	149	928797	45.428	ng/ul	100
90) Benzo(b)fluoranthene	23.888	252	880418	37.782	ng/ul	99
91) Benzo(k)fluoranthene	23.952	252	849785	35.459	ng/ul	98
93) Benzo(a)pyrene	24.763	252	760254	33.889	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.576	276	1083211m	38.748	ng/ul	
95) Dibenzo(a,h)anthracene	28.647	278	886129	38.120	ng/ul	99
96) Benzo(g,h,i)perylene	29.722	276	849334	37.690	ng/ul	98

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

