

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030824\
 Data File : BG060597.D
 Acq On : 8 Mar 2024 12:35
 Operator : MA/JU
 Sample : SSTD02081
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020408

Quant Time: Mar 08 14:51:04 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG030824.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 08 13:47:57 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/11/2024
 Supervised By :mohammad ahmed 03/12/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.326	152	81414	20.000	ng/ul	0.00
20) Naphthalene-d8	11.170	136	388502	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.948	164	265929	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.697	188	553862	20.000	ng/ul	0.00
79) Chrysene-d12	22.022	240	491668	20.000	ng/ul	0.00
88) Perylene-d12	25.576	264	558295	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.614	96	16616	9.579	ng/uL	0.00
4) Pyridine-d5	4.049	84	133598	23.673	ng/ul	0.00
7) Phenol-d5	7.433	99	159733	20.143	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.644	67	109399	21.703	ng/ul	0.00
11) 2-Chlorophenol-d4	7.838	132	118629	22.123	ng/ul	0.00
15) 4-Methylphenol-d8	9.007	113	124696	19.292	ng/ul	0.00
21) Nitrobenzene-d5	9.519	128	49996	17.867	ng/ul	0.00
24) 2-Nitrophenol-d4	10.241	143	47895	15.101	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.764	165	125102	18.196	ng/ul	0.00
31) 4-Chloroaniline-d4	11.311	131	190984	20.601	ng/ul	0.00
46) Dimethylphthalate-d6	14.348	166	418829	19.343	ng/ul	0.00
49) Acenaphthylene-d8	14.654	160	487384	19.921	ng/ul	0.00
54) 4-Nitrophenol-d4	15.112	143	58281	18.662	ng/ul	0.00
60) Fluorene-d10	15.935	176	360055	19.071	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.040	200	37564	11.768	ng/ul	0.00
73) Anthracene-d10	17.797	188	550636	20.732	ng/ul	0.00
81) Pyrene-d10	20.065	212	606852	20.561	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.324	264	573405	19.541	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.649	88	19066	9.675	ng/uL	100
5) Pyridine	4.066	79	137677	24.247	ng/ul	100
6) Benzaldehyde	7.468	77	96977	30.346	ng/ul	100
8) Phenol	7.456	94	161747	19.634	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.738	93	133507	20.378	ng/ul	100
12) 2-Chlorophenol	7.873	128	123679	22.320	ng/ul	100
13) 2-Methylphenol	8.743	108	127081	20.072	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.831	45	266491	27.795	ng/ul	100
16) Acetophenone	9.166	105	220662	21.182	ng/ul	100
17) N-Nitroso-di-n-propyla...	9.131	70	112063	20.276	ng/ul	100
18) 4-Methylphenol	9.072	108	137596	20.082	ng/ul	100
19) Hexachloroethane	9.413	117	47434	19.846	ng/ul	100
22) Nitrobenzene	9.566	77	139813	18.151	ng/ul	100
23) Isophorone	10.071	82	334853	19.676	ng/ul	100
25) 2-Nitrophenol	10.277	139	56028	17.047	ng/ul	100
26) 2,4-Dimethylphenol	10.294	107	151430	21.089	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.559	93	191125	19.762	ng/ul	100
29) 2,4-Dichlorophenol	10.788	162	127992	19.219	ng/ul	100
30) Naphthalene	11.222	128	455923	21.221	ng/ul	100
32) 4-Chloroaniline	11.334	127	190600	20.862	ng/ul	100
33) Hexachlorobutadiene	11.452	225	93028	17.209	ng/ul	100
34) Caprolactam	12.110	113	41503m	18.843	ng/ul	100
35) 4-Chloro-3-methylphenol	12.398	107	152492	22.176	ng/ul	100
36) 2-Methylnaphthalene	12.803	142	304188	20.420	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.014	142	302217	20.206	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	13.138	216	169872	17.862	ng/ul	100
40) Hexachlorocyclopentadiene	13.097	237	94802	16.389	ng/ul	100
41) 2,4,6-Trichlorophenol	13.379	196	106352	18.297	ng/ul	100
42) 2,4,5-Trichlorophenol	13.443	196	115513	18.716	ng/ul	100
43) 1,1'-Biphenyl	13.790	154	414313	20.770	ng/ul	100
44) 2-Chloronaphthalene	13.843	162	333439	19.932	ng/ul	100
45) 2-Nitroaniline	14.054	65	89717	21.004	ng/ul	100
47) Dimethylphthalate	14.395	163	422424	19.459	ng/ul	100
48) 2,6-Dinitrotoluene	14.536	165	60981	15.602	ng/ul	100
50) Acenaphthylene	14.683	152	554737	20.466	ng/ul	100
51) 3-Nitroaniline	14.871	138	67829	19.693	ng/ul	100
52) Acenaphthene	15.012	153	366876	20.295	ng/ul	100
53) 2,4-Dinitrophenol	15.059	184	22536	10.736	ng/ul	100
55) 4-Nitrophenol	15.130	109	55761	24.396	ng/ul	100
56) Dibenzofuran	15.347	168	493698	19.607	ng/ul	100
57) 2,4-Dinitrotoluene	15.306	165	84012	14.867	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.547	232	98992	17.431	ng/ul	100
59) Diethylphthalate	15.741	149	427269	20.313	ng/ul	100
61) Fluorene	15.993	166	409134	19.689	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.976	204	204051	18.116	ng/ul	100
63) 4-Nitroaniline	16.029	138	69605m	20.668	ng/ul	
66) 4,6-Dinitro-2-methylph...	16.052	198	42271	12.592	ng/ul	100
67) N-Nitrosodiphenylamine	16.193	169	361869	22.987	ng/ul	100
68) 4-Bromophenyl-phenylether	16.875	248	129350	19.920	ng/ul	100
69) Hexachlorobenzene	16.963	284	155653	20.522	ng/ul	100
70) Atrazine	17.127	200	127035	20.323	ng/ul	100
71) Pentachlorophenol	17.315	266	73524	17.838	ng/ul	100
72) Phenanthrene	17.744	178	645695	21.695	ng/ul	100
74) Anthracene	17.832	178	659970	21.792	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.749	216	165646	20.301	ng/uL	100
76) Pentachlorobenzene	15.241	250	168674	19.823	ng/uL	100
77) Carbazole	18.103	167	568334	22.702	ng/ul	100
78) Di-n-butylphthalate	18.620	149	709643	23.562	ng/ul	100
80) Fluoranthene	19.730	202	728650	21.808	ng/ul	100
82) Pyrene	20.094	202	759705	21.868	ng/ul	100
83) Butylbenzylphthalate	20.964	149	276295	21.992	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.910	252	234442	20.768	ng/ul	100
85) Benzo(a)anthracene	21.998	228	741878	21.566	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.845	149	416204	22.167	ng/ul	100
87) Chrysene	22.069	228	697888	21.573	ng/ul	100
89) Di-n-octyl phthalate	23.179	149	675455	22.384	ng/ul	100
90) Benzo(b)fluoranthene	24.425	252	671853	19.578	ng/ul	100
91) Benzo(k)fluoranthene	24.501	252	707654	19.819	ng/ul	100
93) Benzo(a)pyrene	25.406	252	655978	19.675	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	29.683	276	809534m	19.681	ng/ul	
95) Dibenzo(a,h)anthracene	29.783	278	662603	19.682	ng/ul	100
96) Benzo(g,h,i)perylene	30.993	276	637489	19.183	ng/ul	100

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

