Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030824\
Data File : BG060596.D
Acq On : 8 Mar 2024 11:54
Operator : MA/JU
Sample : SSTD01080
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 08 15:08:43 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

Instrument :
BNA_G
ClientSampleId :
SSTD010407

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	8.324	152	81254	20.000	ng/ul	0.00
20) Naphthalene-d8	11.167	136	374215	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.951	164	252021	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.695	188	553478	20.000	ng/ul	0.00
79) Chrysene-d12	22.019	240	500563	20.000	ng/ul	0.00
88) Perylene-d12	25.574	264	564535	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.611	96	8784m	5.074	ng/uL	0.00
4) Pyridine-d5	4.046	84	58734	10.428	ng/ul	0.00
7) Phenol-d5	7.431	99	73258	9.256	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.642	67	50209	9.980	ng/ul	0.00
11) 2-Chlorophenol-d4	7.836	132	52618	9.832	ng/ul	0.00
15) 4-Methylphenol-d8	9.005	113	56162	8.706	ng/ul	0.00
21) Nitrobenzene-d5	9.522	128	20105	7.459	ng/ul	0.00
24) 2-Nitrophenol-d4	10.239	143	19530	6.393	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.762	165	57486	8.680	ng/ul	0.00
31) 4-Chloroaniline-d4	11.308	131	91462	10.242	ng/ul	0.00
46) Dimethylphthalate-d6	14.346	166	196308	9.567	ng/ul	0.00
49) Acenaphthylene-d8	14.651	160	230805	9.954	ng/ul	0.00
54) 4-Nitrophenol-d4	15.110	143	23825	8.050	ng/ul	0.00
60) Fluorene-d10	15.932	176	171442	9.582	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.038	200	14838	4.652	ng/ul	0.00
73) Anthracene-d10	17.795	188	266031	10.023	ng/ul	0.00
81) Pyrene-d10	20.063	212	299726	9.975	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.321	264	272195	9.174	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.653	88	9728	4.946	ng/uL#	78
5) Pyridine	4.070	79	58723	10.362	ng/ul	95
6) Benzaldehyde	7.466	77	41318	12.955	ng/ul	92
8) Phenol	7.454	94	75495	9.182	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.736	93	61013	9.331	ng/ul	97
12) 2-Chlorophenol	7.871	128	56050	10.135	ng/ul	100
13) 2-Methylphenol	8.741	108	58535	9.264	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.829	45	124344	12.995	ng/ul#	96
16) Acetophenone	9.164	105	101409	9.754	ng/ul	98
17) N-Nitroso-di-n-propyla...	9.123	70	50476	9.151	ng/ul#	94
18) 4-Methylphenol	9.070	108	63383	9.269	ng/ul	97
19) Hexachloroethane	9.411	117	21899	9.180	ng/ul	90
22) Nitrobenzene	9.563	77	56873	7.665	ng/ul	96
23) Isophorone	10.069	82	152814	9.322	ng/ul	99
25) 2-Nitrophenol	10.274	139	23326	7.368	ng/ul	93
26) 2,4-Dimethylphenol	10.292	107	69321	10.023	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.556	93	89967	9.658	ng/ul	98
29) 2,4-Dichlorophenol	10.791	162	57197	8.916	ng/ul	100
30) Naphthalene	11.220	128	213936	10.338	ng/ul	98
32) 4-Chloroaniline	11.332	127	89742	10.198	ng/ul	99
33) Hexachlorobutadiene	11.449	225	42996	8.258	ng/ul	92
34) Caprolactam	12.102	113	19707m	9.289	ng/ul	
35) 4-Chloro-3-methylphenol	12.395	107	68135	10.287	ng/ul	98
36) 2-Methylnaphthalene	12.801	142	143664	10.012	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.018	142	145419	10.094	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	13.141	216	78981	8.763	ng/ul	95
40) Hexachlorocyclopentadiene	13.094	237	41102	7.498	ng/ul	97
41) 2,4,6-Trichlorophenol	13.382	196	47613	8.644	ng/ul#	90
42) 2,4,5-Trichlorophenol	13.447	196	48469	8.287	ng/ul	91
43) 1,1'-Biphenyl	13.788	154	196121	10.374	ng/ul	98
44) 2-Chloronaphthalene	13.841	162	154575	9.750	ng/ul	95
45) 2-Nitroaniline	14.052	65	36209	8.945	ng/ul	90
47) Dimethylphthalate	14.393	163	198618	9.654	ng/ul	98
48) 2,6-Dinitrotoluene	14.534	165	23568	6.363	ng/ul	98
50) Acenaphthylene	14.681	152	264731	10.306	ng/ul	98
51) 3-Nitroaniline	14.869	138	29002	8.885	ng/ul#	96
52) Acenaphthene	15.016	153	174860	10.207	ng/ul	99
53) 2,4-Dinitrophenol	15.057	184	8320	4.182	ng/ul#	87
55) 4-Nitrophenol	15.127	109	23275	10.745	ng/ul	92
56) Dibenzofuran	15.345	168	234435	9.824	ng/ul	95
57) 2,4-Dinitrotoluene	15.304	165	30968	5.783	ng/ul#	87
58) 2,3,4,6-Tetrachlorophenol	15.550	232	43707	8.121	ng/ul#	93
59) Diethylphthalate	15.738	149	203772	10.222	ng/ul	98
61) Fluorene	15.991	166	198472	10.078	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.979	204	97736	9.156	ng/ul	94
63) 4-Nitroaniline	16.026	138	28263m	8.855	ng/ul	
66) 4,6-Dinitro-2-methylph...	16.050	198	15739	4.692	ng/ul	91
67) N-Nitrosodiphenylamine	16.191	169	172316	10.953	ng/ul	97
68) 4-Bromophenyl-phenylether	16.872	248	61090	9.415	ng/ul	95
69) Hexachlorobenzene	16.961	284	73651	9.717	ng/ul	97
70) Atrazine	17.125	200	58469	9.360	ng/ul	98
71) Pentachlorophenol	17.313	266	29102	7.065	ng/ul	92
72) Phenanthrene	17.742	178	317313	10.669	ng/ul	98
74) Anthracene	17.830	178	320396	10.587	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.747	216	78545	9.633	ng/uL	96
76) Pentachlorobenzene	15.239	250	81717	9.610	ng/uL	97
77) Carbazole	18.106	167	277790	11.104	ng/ul	97
78) Di-n-butylphthalate	18.617	149	334981	11.130	ng/ul	99
80) Fluoranthene	19.734	202	349684	10.280	ng/ul	98
82) Pyrene	20.092	202	372405	10.529	ng/ul	98
83) Butylbenzylphthalate	20.962	149	129580	10.131	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.908	252	108939	9.479	ng/ul	99
85) Benzo(a)anthracene	21.996	228	360512	10.294	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.843	149	187243	9.795	ng/ul	99
87) Chrysene	22.066	228	349092	10.600	ng/ul	98
89) Di-n-octyl phthalate	23.177	149	309262	10.135	ng/ul	100
90) Benzo(b)fluoranthene	24.422	252	322201	9.285	ng/ul	96
91) Benzo(k)fluoranthene	24.499	252	348126m	9.642	ng/ul	
93) Benzo(a)pyrene	25.404	252	315227	9.350	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	29.681	276	379413m	9.122	ng/ul	
95) Dibenzo(a,h)anthracene	29.775	278	305003	8.959	ng/ul	97
96) Benzo(g,h,i)perylene	30.991	276	309981	9.225	ng/ul	98

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

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