Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010423\
Data File : BG056204.D
Acq On : 4 Jan 2023 17:47
Operator : CG/JU
Sample : SSTD08051
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jan 05 00:20:18 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010423.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 05 00:14:25 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD080404

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/05/2023
Supervised By :mohammad ahmed 01/05/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.332	152	54294	20.000	ng/ul	0.00
20) Naphthalene-d8	11.170	136	219125	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.947	164	173322	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.685	188	417979	20.000	ng/ul	0.00
79) Chrysene-d12	21.986	240	398609	20.000	ng/ul	0.00
88) Perylene-d12	25.447	264	437779	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.631	96	37686	29.055	ng/uL	0.00
4) Pyridine-d5	4.066	84	302740	71.587	ng/ul	0.00
7) Phenol-d5	7.468	99	385267	78.227	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.644	67	154672	79.683	ng/ul	0.00
11) 2-Chlorophenol-d4	7.862	132	263133	90.399	ng/ul	0.00
15) 4-Methylphenol-d8	9.037	113	302273	81.551	ng/ul	0.00
21) Nitrobenzene-d5	9.513	128	138658	86.879	ng/ul	0.00
24) 2-Nitrophenol-d4	10.241	143	180703	86.660	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.782	165	360411	77.781	ng/ul	0.00
31) 4-Chloroaniline-d4	11.299	131	388622	74.149	ng/ul	0.00
46) Dimethylphthalate-d6	14.342	166	1055854	78.711	ng/ul	0.00
49) Acenaphthylene-d8	14.648	160	1185657	78.265	ng/ul	0.00
54) 4-Nitrophenol-d4	15.130	143	165454	81.938	ng/ul	0.02
60) Fluorene-d10	15.935	176	995204	75.160	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.046	200	244929	91.156	ng/ul	0.02
73) Anthracene-d10	17.785	188	1488383	77.057	ng/ul	0.00
81) Pyrene-d10	20.047	212	1749706	79.481	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.218	264	1773295	79.694	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.672	88	38415	26.477	ng/uL	98
5) Pyridine	4.090	79	297368	73.114	ng/ul	97
6) Benzaldehyde	7.462	77	131357	72.650	ng/ul	97
8) Phenol	7.497	94	378262	77.174	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.744	93	256633	79.543	ng/ul	98
12) 2-Chlorophenol	7.897	128	259435	88.736	ng/ul	96
13) 2-Methylphenol	8.766	108	292934	79.598	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.855	45	47571	114.793	ng/ul#	81
16) Acetophenone	9.172	105	461927	75.236	ng/ul	96
17) N-Nitroso-di-n-propyla...	9.160	70	205634	79.216	ng/ul	99
18) 4-Methylphenol	9.107	108	316592	79.418	ng/ul	99
19) Hexachloroethane	9.436	117	99182	84.374	ng/ul	95
22) Nitrobenzene	9.560	77	313456	79.151	ng/ul	96
23) Isophorone	10.088	82	639022	70.574	ng/ul	99
25) 2-Nitrophenol	10.276	139	171436	85.170	ng/ul	99
26) 2,4-Dimethylphenol	10.318	107	354121	74.349	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.553	93	354377	75.521	ng/ul	96
29) 2,4-Dichlorophenol	10.811	162	340476	76.933	ng/ul	97
30) Naphthalene	11.222	128	897333	78.593	ng/ul	99
32) 4-Chloroaniline	11.322	127	396522	75.079	ng/ul	96
33) Hexachlorobutadiene	11.493	225	288181	69.486	ng/ul	99
34) Caprolactam	12.104	113	98926m	69.917	ng/ul	
35) 4-Chloro-3-methylphenol	12.415	107	317249	74.617	ng/ul	95
36) 2-Methylnaphthalene	12.803	142	680177	74.305	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.014	142	681535	73.908	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	13.161	216	545447	76.307	ng/ul	100
40) Hexachlorocyclopentadiene	13.138	237	389035	83.939	ng/ul	96
41) 2,4,6-Trichlorophenol	13.390	196	352493	83.667	ng/ul	98
42) 2,4,5-Trichlorophenol	13.467	196	378179	82.788	ng/ul	96
43) 1,1'-Biphenyl	13.790	154	980608	80.028	ng/ul	99
44) 2-Chloronaphthalene	13.837	162	818559	80.596	ng/ul	96
45) 2-Nitroaniline	14.031	65	156761	111.147	ng/ul	91
47) Dimethylphthalate	14.389	163	1014451	76.263	ng/ul	100
48) 2,6-Dinitrotoluene	14.519	165	226349	86.209	ng/ul	95
50) Acenaphthylene	14.677	152	1181561	78.483	ng/ul	97
51) 3-Nitroaniline	14.848	138	168559	85.467	ng/ul	98
52) Acenaphthene	15.012	153	835444	78.993	ng/ul	98
53) 2,4-Dinitrophenol	15.047	184	171592	83.963	ng/ul#	91
55) 4-Nitrophenol	15.147	109	161632	82.276	ng/ul	92
56) Dibenzofuran	15.347	168	1243997	75.147	ng/ul	97
57) 2,4-Dinitrotoluene	15.300	165	310238	85.207	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	15.564	232	358001	79.285	ng/ul#	98
59) Diethylphthalate	15.741	149	935666	78.733	ng/ul	97
61) Fluorene	15.993	166	1000741	73.592	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.970	204	632419	71.588	ng/ul	94
63) 4-Nitroaniline	16.011	138	156332	83.072	ng/ul	87
66) 4,6-Dinitro-2-methylph...	16.064	198	230082	89.314	ng/ul	97
67) N-Nitrosodiphenylamine	16.181	169	900752	85.054	ng/ul	99
68) 4-Bromophenyl-phenylether	16.863	248	437744	82.607	ng/ul	95
69) Hexachlorobenzene	16.992	284	434587	84.736	ng/ul	98
70) Atrazine	17.121	200	397951	78.810	ng/ul	100
71) Pentachlorophenol	17.327	266	276049	84.659	ng/ul	98
72) Phenanthrene	17.727	178	1657315	78.104	ng/ul	97
74) Anthracene	17.821	178	1647791	75.858	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.761	216	553348	87.277	ng/uL	98
76) Pentachlorobenzene	15.265	250	541735	86.558	ng/uL	95
77) Carbazole	18.085	167	1391519	78.354	ng/ul	99
78) Di-n-butylphthalate	18.608	149	1451700	89.470	ng/ul	97
80) Fluoranthene	19.718	202	2057898	79.498	ng/ul	99
82) Pyrene	20.083	202	1998508	76.531	ng/ul	99
83) Butylbenzylphthalate	20.935	149	639624	115.098	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.863	252	706445	78.880	ng/ul	99
85) Benzo(a)anthracene	21.963	228	2111120	77.595	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.828	149	930014	109.244	ng/ul	99
87) Chrysene	22.039	228	1973325	78.153	ng/ul	97
89) Di-n-octyl phthalate	23.120	149	1562034	96.419	ng/ul	100
90) Benzo(b)fluoranthene	24.348	252	2265400	78.387	ng/ul	99
91) Benzo(k)fluoranthene	24.425	252	2200840	78.040	ng/ul	100
93) Benzo(a)pyrene	25.300	252	1971550	78.289	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.454	276	2651133	79.928	ng/ul	99
95) Dibenzo(a,h)anthracene	29.530	278	2198974	79.262	ng/ul	100
96) Benzo(g,h,i)perylene	30.723	276	2136529	80.151	ng/ul	99

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

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