Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121421\
Data File : BG051500.D
Acq On : 14 Dec 2021 12:08
Operator : CG/JU
Sample : SSTD04038
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD040438

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 12/14/2021
Supervised By :Yogesh Patel 12/23/2021

Quant Time: Dec 14 13:35:20 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 14 13:31:18 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.287	152	27906	20.000	ng/ul	0.00
20) Naphthalene-d8	11.124	136	120301	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.919	164	90684	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.668	188	230430	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.992	240	218978	20.000	ng/ul	# 0.00
88) Perylene-d12	25.493	264	217989	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.611	96	9075	12.610	ng/uL	0.00
4) Pyridine-d5	4.045	84	79580	40.131	ng/ul	0.00
7) Phenol-d5	7.417	99	96682	37.975	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.594	67	58720	38.718	ng/ul	0.00
11) 2-Chlorophenol-d4	7.811	132	68650	38.628	ng/ul	0.00
15) 4-Methylphenol-d8	8.980	113	77238	37.451	ng/ul	0.00
21) Nitrobenzene-d5	9.456	128	34047	39.384	ng/ul	0.00
24) 2-Nitrophenol-d4	10.184	143	38420	43.288	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.730	165	82122	37.102	ng/ul	0.00
31) 4-Chloroaniline-d4	11.247	131	105010	36.987	ng/ul	0.00
46) Dimethylphthalate-d6	14.314	166	280800	38.146	ng/ul	0.00
49) Acenaphthylene-d8	14.613	160	342208	37.470	ng/ul	0.00
54) 4-Nitrophenol-d4	15.083	143	45772	42.193	ng/ul	0.00
60) Fluorene-d10	15.912	176	250773	38.824	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.006	200	45621	43.443	ng/ul	0.00
73) Anthracene-d10	17.768	188	420224	37.495	ng/ul	0.00
81) Pyrene-d10	20.041	212	511659	37.269	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.252	264	449570	39.341	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.646	88	10458	15.209	ng/uL#	83
5) Pyridine	4.063	79	81144	39.279	ng/ul	99
6) Benzaldehyde	7.406	77	73028	47.655	ng/ul	97
8) Phenol	7.441	94	96313	38.046	ng/ul#	87
10) Bis(2-Chloroethyl)ether	7.688	93	73753	38.379	ng/ul	99
12) 2-Chlorophenol	7.840	128	71252	37.886	ng/ul	98
13) 2-Methylphenol	8.716	108	73677	37.825	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.810	45	101104	38.128	ng/ul#	95
16) Acetophenone	9.115	105	119078	37.016	ng/ul	97
17) N-Nitroso-di-n-propyla...	9.097	70	73054	37.152	ng/ul	96
18) 4-Methylphenol	9.050	108	79863	37.953	ng/ul	94
19) Hexachloroethane	9.391	117	30094	37.607	ng/ul#	76
22) Nitrobenzene	9.497	77	100100	41.134	ng/ul#	97
23) Isophorone	10.037	82	201514	37.191	ng/ul	97
25) 2-Nitrophenol	10.219	139	42334	43.646	ng/ul	99
26) 2,4-Dimethylphenol	10.266	107	95211	35.978	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.507	93	105732	35.951	ng/ul	98
29) 2,4-Dichlorophenol	10.760	162	80170	39.268	ng/ul	98
30) Naphthalene	11.177	128	250470	38.357	ng/ul	96
32) 4-Chloroaniline	11.271	127	107391	37.399	ng/ul	97
33) Hexachlorobutadiene	11.465	225	63915	37.922	ng/ul	98
34) Caprolactam	12.035	113	23828m	38.823	ng/ul	
35) 4-Chloro-3-methylphenol	12.369	107	89542	37.318	ng/ul	93
36) 2-Methylnaphthalene	12.763	142	180787	37.583	ng/ul	96

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37) 1-Methylnaphthalene	12.980	142	185696	37.626	ng/ul#	97
39) 1,2,4,5-Tetrachloroben...	13.127	216	120912	38.602	ng/ul	97
40) Hexachlorocyclopentadiene	13.116	237	85490	38.403	ng/ul	98
41) 2,4,6-Trichlorophenol	13.356	196	75113	39.889	ng/ul	98
42) 2,4,5-Trichlorophenol	13.427	196	77645	38.949	ng/ul	97
43) 1,1'-Biphenyl	13.756	154	260065	37.920	ng/ul#	95
44) 2-Chloronaphthalene	13.803	162	202256	37.907	ng/ul	97
45) 2-Nitroaniline	13.991	65	65926	44.550	ng/ul	95
47) Dimethylphthalate	14.361	163	271431	37.804	ng/ul	98
48) 2,6-Dinitrotoluene	14.478	165	53885	45.197	ng/ul	91
50) Acenaphthylene	14.649	152	337206	37.778	ng/ul	98
51) 3-Nitroaniline	14.801	138	53524	45.324	ng/ul	97
52) Acenaphthene	14.984	153	223704	37.945	ng/ul	96
53) 2,4-Dinitrophenol	15.007	184	30807	47.888	ng/ul#	67
55) 4-Nitrophenol	15.095	109	50294	43.854	ng/ul	87
56) Dibenzofuran	15.318	168	326849	38.135	ng/ul	98
57) 2,4-Dinitrotoluene	15.260	165	78925	48.020	ng/ul#	91
58) 2,3,4,6-Tetrachlorophenol	15.536	232	78956	42.402	ng/ul#	88
59) Diethylphthalate	15.724	149	281561	37.712	ng/ul	95
61) Fluorene	15.965	166	268789	37.887	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.953	204	150625	38.183	ng/ul	92
63) 4-Nitroaniline	15.965	138	57056	46.983	ng/ul	85
66) 4,6-Dinitro-2-methylph...	16.023	198	45412	42.947	ng/ul#	99
67) N-Nitrosodiphenylamine	16.158	169	238407	36.880	ng/ul	97
68) 4-Bromophenyl-phenylether	16.846	248	91837	33.843	ng/ul#	88
69) Hexachlorobenzene	16.975	284	115055	38.313	ng/ul#	87
70) Atrazine	17.104	200	109289	37.720	ng/ul	97
71) Pentachlorophenol	17.310	266	70642	38.923	ng/ul	96
72) Phenanthrene	17.709	178	451037	37.698	ng/ul	98
74) Anthracene	17.803	178	450198	37.085	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.726	216	136586	37.714	ng/uL	95
76) Pentachlorobenzene	15.242	250	132335	37.600	ng/uL	99
77) Carbazole	18.062	167	416133	37.944	ng/ul	97
78) Di-n-butylphthalate	18.614	149	494035	36.573	ng/ul	100
80) Fluoranthene	19.707	202	590590	37.228	ng/ul#	90
82) Pyrene	20.071	202	576158	37.268	ng/ul#	88
83) Butylbenzylphthalate	20.946	149	198647	36.893	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.868	252	209085	38.522	ng/ul#	96
85) Benzo(a)anthracene	21.968	228	549487	38.079	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.868	149	275493	36.564	ng/ul#	96
87) Chrysene	22.039	228	526615	38.096	ng/ul	100
89) Di-n-octyl phthalate	23.190	149	453686	37.206	ng/ul	100
90) Benzo(b)fluoranthene	24.377	252	564616	39.085	ng/ul#	95
91) Benzo(k)fluoranthene	24.453	252	525387	39.257	ng/ul#	95
93) Benzo(a)pyrene	25.334	252	534641	39.035	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	29.534	276	593710	38.592	ng/ul#	90
95) Dibenzo(a,h)anthracene	29.617	278	501432	38.342	ng/ul#	93
96) Benzo(g,h,i)perylene	30.809	276	502027	38.034	ng/ul#	87

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

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