Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072421\
Data File : BG049433.D
Acq On : 23 Jul 2021 19:52
Operator : CG/JU
Sample : SSTD04004
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD040411

Manual Integrations APPROVED
mohammad
7/26/2021 1:29:04 PM

Quant Time: Jul 23 23:57:50 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 23 23:52:30 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.049	152	20030	20.000	ng/ul	0.00
20) Naphthalene-d8	10.869	136	78262	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.693	164	56592	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.448	188	122828	20.000	ng/ul	0.00
79) Chrysene-d12	21.730	240	132142	20.000	ng/ul	0.00
88) Perylene-d12	25.002	264	140503	20.000	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.432	96	7055m	15.262	ng/uL	0.00
4) Pyridine-d5	3.855	84	49561	35.018	ng/ul	0.00
7) Phenol-d5	7.203	99	70962	40.778	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.367	67	39944	37.171	ng/ul	0.00
11) 2-Chlorophenol-d4	7.579	132	52954	43.789	ng/ul	0.00
15) 4-Methylphenol-d8	8.760	113	54804	38.392	ng/ul	0.00
21) Nitrobenzene-d5	9.212	128	25847	47.698	ng/ul	0.00
24) 2-Nitrophenol-d4	9.940	143	29964	50.506	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.487	165	55895	38.340	ng/ul	0.00
31) 4-Chloroaniline-d4	10.998	131	73698	40.143	ng/ul	0.00
46) Dimethylphthalate-d6	14.100	166	171637	36.867	ng/ul	0.00
49) Acenaphthylene-d8	14.393	160	200562	39.232	ng/ul	0.00
54) 4-Nitrophenol-d4	14.898	143	29351	42.335	ng/ul	0.01
60) Fluorene-d10	15.692	176	147509	35.897	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.803	200	30837	49.129	ng/ul	0.00
73) Anthracene-d10	17.548	188	235517	41.968	ng/ul	0.00
81) Pyrene-d10	19.833	212	275946	40.835	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.773	264	304705	40.006	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.467	88	8976m	19.349	ng/uL	
5) Pyridine	3.872	79	52172	36.904	ng/ul	97
6) Benzaldehyde	7.180	77	47667	43.379	ng/ul	94
8) Phenol	7.232	94	70273	38.198	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.461	93	48912	36.458	ng/ul	90
12) 2-Chlorophenol	7.608	128	52148	40.629	ng/ul	95
13) 2-Methylphenol	8.489	108	53653	38.983	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.578	45	56335	35.541	ng/ul	95
16) Acetophenone	8.877	105	87383	37.340	ng/ul#	93
17) N-Nitroso-di-n-propyla...	8.860	70	46412	33.451	ng/ul#	94
18) 4-Methylphenol	8.824	108	57516	39.808	ng/ul	91
19) Hexachloroethane	9.142	117	23425	39.165	ng/ul	90
22) Nitrobenzene	9.259	77	74706	41.819	ng/ul	96
23) Isophorone	9.788	82	127917	34.642	ng/ul	97
25) 2-Nitrophenol	9.976	139	29302	43.370	ng/ul	90
26) 2,4-Dimethylphenol	10.029	107	69342	39.005	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.269	93	65034	34.986	ng/ul	97
29) 2,4-Dichlorophenol	10.510	162	52346	38.438	ng/ul#	92
30) Naphthalene	10.922	128	168658	40.779	ng/ul	97
32) 4-Chloroaniline	11.027	127	71428	39.561	ng/ul	93
33) Hexachlorobutadiene	11.203	225	40110	30.963	ng/ul	96
34) Caprolactam	11.785	113	17368m	33.474	ng/ul	
35) 4-Chloro-3-methylphenol	12.143	107	61242	38.344	ng/ul#	89
36) 2-Methylnaphthalene	12.525	142	124852	39.136	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.743	142	122607	38.803	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.889	216	66595	30.913	ng/ul	93
40) Hexachlorocyclopentadiene	12.872	237	39275	25.107	ng/ul	93
41) 2,4,6-Trichlorophenol	13.130	196	43091	32.504	ng/ul	86
42) 2,4,5-Trichlorophenol	13.207	196	45663	32.089	ng/ul	93
43) 1,1'-Biphenyl	13.530	154	161744	38.625	ng/ul#	98
44) 2-Chloronaphthalene	13.571	162	124717	38.021	ng/ul	92
45) 2-Nitroaniline	13.771	65	47026	46.409	ng/ul	91
47) Dimethylphthalate	14.141	163	170281	36.212	ng/ul	99
48) 2,6-Dinitrotoluene	14.264	165	35280	43.806	ng/ul#	94
50) Acenaphthylene	14.423	152	194673	39.711	ng/ul	96
51) 3-Nitroaniline	14.599	138	33404	43.141	ng/ul	92
52) Acenaphthene	14.758	153	137895	37.928	ng/ul	97
53) 2,4-Dinitrophenol	14.804	184	17267m	32.227	ng/ul	
55) 4-Nitrophenol	14.910	109	38479	41.905	ng/ul	98
56) Dibenzofuran	15.098	168	183716	35.574	ng/ul	100
57) 2,4-Dinitrotoluene	15.057	165	49488	42.718	ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	15.321	232	42111	31.306	ng/ul#	98
59) Diethylphthalate	15.509	149	172289	36.660	ng/ul	98
61) Fluorene	15.744	166	160524	36.516	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.733	204	81557	30.585	ng/ul	88
63) 4-Nitroaniline	15.762	138	34044	42.227	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.821	198	29019	44.032	ng/ul	93
67) N-Nitrosodiphenylamine	15.950	169	132936	39.074	ng/ul	96
68) 4-Bromophenyl-phenylether	16.631	248	56668	36.275	ng/ul	95
69) Hexachlorobenzene	16.755	284	62972	38.356	ng/ul	93
70) Atrazine	16.896	200	61488	40.160	ng/ul	92
71) Pentachlorophenol	17.096	266	28766m	27.618	ng/ul	
72) Phenanthrene	17.489	178	262361	42.068	ng/ul	98
74) Anthracene	17.583	178	264650	41.249	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.500	216	69761	36.226	ng/uL	96
76) Pentachlorobenzene	15.016	250	73478	36.426	ng/uL	96
77) Carbazole	17.847	167	234153	43.077	ng/ul	97
78) Di-n-butylphthalate	18.400	149	295733	43.469	ng/ul#	97
80) Fluoranthene	19.498	202	342611	40.858	ng/ul	99
82) Pyrene	19.862	202	335501	40.065	ng/ul	99
83) Butylbenzylphthalate	20.738	149	137563	45.935	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.619	252	125687	38.832	ng/ul#	94
85) Benzo(a)anthracene	21.707	228	332879	38.127	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.607	149	197615	45.266	ng/ul	98
87) Chrysene	21.777	228	314971	37.727	ng/ul	98
89) Di-n-octyl phthalate	22.835	149	327549	42.829	ng/ul	100
90) Benzo(b)fluoranthene	23.957	252	358971	38.628	ng/ul	100
91) Benzo(k)fluoranthene	24.027	252	346778	37.972	ng/ul	98
93) Benzo(a)pyrene	24.850	252	311920	38.208	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.733	276	404665m	38.534	ng/ul	
95) Dibenzo(a,h)anthracene	28.803	278	326452	38.235	ng/ul	99
96) Benzo(g,h,i)perylene	29.919	276	330602	38.839	ng/ul#	94

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

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