Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072921\
Data File : BG049575.D
Acq On : 30 Jul 2021 2:14
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020469

Manual Integrations APPROVED
mohammad
7/30/2021 12:00:31 PM

Quant Time: Jul 30 06:50:23 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 26 11:36:47 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.048	152	22049	20.000	ng/ul	0.00
20) Naphthalene-d8	10.868	136	99792	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.698	164	74940	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.447	188	173267	20.000	ng/ul	0.00
79) Chrysene-d12	21.729	240	161463	20.000	ng/ul	0.00
88) Perylene-d12	25.013	264	164888	20.000	ng/ul	# 0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.431	96	3851	7.991	ng/uL	0.00
4) Pyridine-d5	3.854	84	28287	20.435	ng/ul	0.00
7) Phenol-d5	7.202	99	38266	19.616	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.367	67	22492	20.357	ng/ul	0.00
11) 2-Chlorophenol-d4	7.578	132	29646	21.200	ng/ul	0.00
15) 4-Methylphenol-d8	8.753	113	32483	22.091	ng/ul	0.00
21) Nitrobenzene-d5	9.217	128	14731	19.200	ng/ul	0.00
24) 2-Nitrophenol-d4	9.945	143	18067	20.095	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.486	165	32478	19.862	ng/ul	0.00
31) 4-Chloroaniline-d4	10.997	131	44594	19.568	ng/ul	0.00
46) Dimethylphthalate-d6	14.099	166	109906	19.146	ng/ul	0.00
49) Acenaphthylene-d8	14.392	160	128081	19.210	ng/ul	0.00
54) 4-Nitrophenol-d4	14.892	143	18714	19.796	ng/ul	0.00
60) Fluorene-d10	15.691	176	99792	20.178	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.814	200	19041	17.734	ng/ul	0.01
73) Anthracene-d10	17.547	188	159912	19.858	ng/ul	0.00
81) Pyrene-d10	19.838	212	175155	21.215	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.784	264	183104	21.128	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.466	88	3890	5.905	ng/uL#	64
5) Pyridine	3.871	79	29867	20.171	ng/ul#	88
6) Benzaldehyde	7.179	77	28345	24.350	ng/ul	97
8) Phenol	7.231	94	41815	21.943	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.461	93	27478	20.930	ng/ul	95
12) 2-Chlorophenol	7.607	128	30605	22.734	ng/ul#	88
13) 2-Methylphenol	8.489	108	30534	21.023	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.571	45	32233	20.951	ng/ul#	91
16) Acetophenone	8.876	105	54627	23.083	ng/ul#	94
17) N-Nitroso-di-n-propyla...	8.853	70	27398	22.451	ng/ul#	83
18) 4-Methylphenol	8.818	108	34055	22.288	ng/ul	88
19) Hexachloroethane	9.141	117	13953	23.006	ng/ul	88
22) Nitrobenzene	9.258	77	46638	20.359	ng/ul#	97
23) Isophorone	9.781	82	76133	19.834	ng/ul#	93
25) 2-Nitrophenol	9.975	139	18890	22.326	ng/ul#	79
26) 2,4-Dimethylphenol	10.028	107	41844	20.751	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.263	93	37156	19.407	ng/ul	98
29) 2,4-Dichlorophenol	10.515	162	32716	20.467	ng/ul	95
30) Naphthalene	10.921	128	105744	20.572	ng/ul	97
32) 4-Chloroaniline	11.026	127	44976	20.748	ng/ul#	75
33) Hexachlorobutadiene	11.203	225	24301	19.885	ng/ul	96
34) Caprolactam	11.778	113	10454m	19.230	ng/ul	
35) 4-Chloro-3-methylphenol	12.148	107	42601	23.686	ng/ul	94
36) 2-Methylnaphthalene	12.524	142	79354	21.093	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.742	142	79755	20.979	ng/ul	92
39) 1,2,4,5-Tetrachloroben...	12.894	216	45292	20.335	ng/ul	97
40) Hexachlorocyclopentadiene	12.871	237	21495	16.016	ng/ul	94
41) 2,4,6-Trichlorophenol	13.129	196	29027	21.207	ng/ul#	75
42) 2,4,5-Trichlorophenol	13.206	196	32697	22.368	ng/ul	95
43) 1,1'-Biphenyl	13.529	154	108138	20.264	ng/ul#	97
44) 2-Chloronaphthalene	13.576	162	85936	20.694	ng/ul	95
45) 2-Nitroaniline	13.776	65	32853	22.293	ng/ul	99
47) Dimethylphthalate	14.146	163	112534	20.158	ng/ul	98
48) 2,6-Dinitrotoluene	14.269	165	24687	22.159	ng/ul	94
50) Acenaphthylene	14.422	152	131945	20.722	ng/ul#	92
51) 3-Nitroaniline	14.598	138	24419	21.976	ng/ul	81
52) Acenaphthene	14.762	153	96294	21.086	ng/ul	96
53) 2,4-Dinitrophenol	14.809	184	10717	19.307	ng/ul#	81
55) 4-Nitrophenol	14.909	109	26182	20.425	ng/ul	92
56) Dibenzofuran	15.097	168	133355	21.626	ng/ul	98
57) 2,4-Dinitrotoluene	15.056	165	35465	22.457	ng/ul#	88
58) 2,3,4,6-Tetrachlorophenol	15.320	232	29865	22.514	ng/ul	96
59) Diethylphthalate	15.508	149	120172	20.800	ng/ul	97
61) Fluorene	15.749	166	114083	21.793	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.738	204	58253	21.377	ng/ul	92
63) 4-Nitroaniline	15.767	138	23837	21.633	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.826	198	18658	18.878	ng/ul#	81
67) N-Nitrosodiphenylamine	15.949	169	97816	21.541	ng/ul	96
68) 4-Bromophenyl-phenylether	16.630	248	40562	21.025	ng/ul	94
69) Hexachlorobenzene	16.754	284	46516	21.310	ng/ul	96
70) Atrazine	16.895	200	43376	20.915	ng/ul	98
71) Pentachlorophenol	17.100	266	20197m	19.983	ng/ul	
72) Phenanthrene	17.494	178	189375	20.995	ng/ul	95
74) Anthracene	17.582	178	190784	20.872	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.499	216	47809	20.306	ng/uL	98
76) Pentachlorobenzene	15.015	250	54527	21.889	ng/uL	97
77) Carbazole	17.852	167	162885	19.932	ng/ul	98
78) Di-n-butylphthalate	18.405	149	204778	20.151	ng/ul	99
80) Fluoranthene	19.503	202	224599	22.404	ng/ul#	98
82) Pyrene	19.861	202	224466	22.552	ng/ul	98
83) Butylbenzylphthalate	20.743	149	87695	22.631	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.624	252	78613	21.190	ng/ul#	90
85) Benzo(a)anthracene	21.712	228	209817	21.254	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.606	149	125455	21.815	ng/ul	98
87) Chrysene	21.776	228	199027	21.064	ng/ul	97
89) Di-n-octyl phthalate	22.834	149	210500	21.718	ng/ul	100
90) Benzo(b)fluoranthene	23.968	252	217925m	21.087	ng/ul	
91) Benzo(k)fluoranthene	24.038	252	217136	21.468	ng/ul	98
93) Benzo(a)pyrene	24.855	252	189070	21.088	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.761	276	248649	21.735	ng/ul	99
95) Dibenzo(a,h)anthracene	28.832	278	211508	22.342	ng/ul	97
96) Benzo(g,h,i)perylene	29.948	276	199767m	21.003	ng/ul	

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

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