Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070921\
Data File : BG049264.D
Acq On : 10 Jul 2021 13:37
Operator : CG/JU
Sample : PB137498BS
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SLCS498

Manual Integrations APPROVED
mohammad
7/12/2021 12:34:44 PM

Quant Time: Jul 12 09:18:06 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 12 09:17:47 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.074	152	28763	20.000	ng/ul	0.00
20) Naphthalene-d8	10.894	136	119017	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.719	164	85688	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.469	188	212025	20.000	ng/ul	0.00
79) Chrysene-d12	21.758	240	208831	20.000	ng/ul	0.00
88) Perylene-d12	25.048	264	199097	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.462	96	3759m	6.147	ng/uL	0.00
4) Pyridine-d5	3.885	84	45382	25.241	ng/ul	0.00
7) Phenol-d5	7.222	99	84907	33.936	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.392	67	50668	34.916	ng/ul	0.00
11) 2-Chlorophenol-d4	7.604	132	64118	34.674	ng/ul	0.00
15) 4-Methylphenol-d8	8.779	113	66632	33.239	ng/ul	0.00
21) Nitrobenzene-d5	9.243	128	33981	37.207	ng/ul	0.00
24) 2-Nitrophenol-d4	9.972	143	38771	36.981	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.512	165	77845	38.053	ng/ul	0.00
31) 4-Chloroaniline-d4	11.023	131	82945	31.113	ng/ul	0.00
46) Dimethylphthalate-d6	14.120	166	257279	39.041	ng/ul	0.00
49) Acenaphthylene-d8	14.414	160	294779	38.124	ng/ul	0.00
54) 4-Nitrophenol-d4	14.913	143	42805	39.244	ng/ul	0.00
60) Fluorene-d10	15.712	176	218889	39.231	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.824	200	51567	38.264	ng/ul	0.00
73) Anthracene-d10	17.569	188	339081	35.126	ng/ul	0.00
81) Pyrene-d10	19.854	212	426599	39.856	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.825	264	444630	42.961	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.491	88	10017	13.451	ng/uL#	90
5) Pyridine	3.902	79	54065	27.106	ng/ul	95
6) Benzaldehyde	7.204	77	58192m	38.662	ng/ul	
8) Phenol	7.251	94	85048	33.990	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.486	93	60716	32.635	ng/ul#	82
12) 2-Chlorophenol	7.633	128	63060	33.785	ng/ul	98
13) 2-Methylphenol	8.509	108	63268	33.195	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.603	45	107670	35.981	ng/ul#	92
16) Acetophenone	8.902	105	118141	35.927	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.885	70	60192	36.025	ng/ul	94
18) 4-Methylphenol	8.844	108	69690	35.147	ng/ul	98
19) Hexachloroethane	9.167	117	28448	33.662	ng/ul	90
22) Nitrobenzene	9.284	77	92713	35.997	ng/ul#	98
23) Isophorone	9.807	82	166561	37.437	ng/ul	98
25) 2-Nitrophenol	9.995	139	39546	36.973	ng/ul	93
26) 2,4-Dimethylphenol	10.054	107	53013	22.384	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.289	93	88807	37.440	ng/ul	91
29) 2,4-Dichlorophenol	10.536	162	69377	37.116	ng/ul	94
30) Naphthalene	10.947	128	216984	36.566	ng/ul	99
32) 4-Chloroaniline	11.053	127	80627	30.676	ng/ul	98
33) Hexachlorobutadiene	11.229	225	58247	36.746	ng/ul	97
34) Caprolactam	11.817	113	25935m	39.884	ng/ul	
35) 4-Chloro-3-methylphenol	12.163	107	81993	39.269	ng/ul	92
36) 2-Methylnaphthalene	12.551	142	167838	37.227	ng/ul	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.768	142	162008	36.134	ng/ul#	90
39) 1,2,4,5-Tetrachloroben...	12.915	216	102739	38.173	ng/ul	98
40) Hexachlorocyclopentadiene	12.892	237	43305	24.228	ng/ul	96
41) 2,4,6-Trichlorophenol	13.150	196	63170	36.285	ng/ul	91
42) 2,4,5-Trichlorophenol	13.227	196	69336	37.444	ng/ul	96
43) 1,1'-Biphenyl	13.550	154	223239	38.562	ng/ul	98
44) 2-Chloronaphthalene	13.597	162	171548	37.822	ng/ul	98
45) 2-Nitroaniline	13.797	65	68891	41.428	ng/ul	93
47) Dimethylphthalate	14.167	163	244207	39.925	ng/ul#	99
48) 2,6-Dinitrotoluene	14.290	165	53837	40.869	ng/ul	89
50) Acenaphthylene	14.443	152	264910	38.523	ng/ul	97
51) 3-Nitroaniline	14.619	138	49402	41.184	ng/ul	97
52) Acenaphthene	14.784	153	196538	39.354	ng/ul	99
53) 2,4-Dinitrophenol	14.825	184	34965	41.882	ng/ul	91
55) 4-Nitrophenol	14.925	109	56282	40.875	ng/ul	100
56) Dibenzofuran	15.119	168	280084	39.573	ng/ul	95
57) 2,4-Dinitrotoluene	15.077	165	78592	41.344	ng/ul#	100
58) 2,3,4,6-Tetrachlorophenol	15.342	232	59990	34.549	ng/ul#	98
59) Diethylphthalate	15.530	149	265881	40.439	ng/ul	93
61) Fluorene	15.771	166	244590	40.833	ng/ul	94
62) 4-Chlorophenyl-phenyle...	15.759	204	134266	40.774	ng/ul	100
63) 4-Nitroaniline	15.783	138	54610	46.375	ng/ul	86
66) 4,6-Dinitro-2-methylph...	15.841	198	49787	38.821	ng/ul#	98
67) N-Nitrosodiphenylamine	15.971	169	209372	38.786	ng/ul	99
68) 4-Bromophenyl-phenylether	16.652	248	93529	39.550	ng/ul	96
69) Hexachlorobenzene	16.775	284	108698	40.586	ng/ul	95
70) Atrazine	16.916	200	64990	26.306	ng/ul	95
71) Pentachlorophenol	17.116	266	47932	29.987	ng/ul	97
72) Phenanthrene	17.516	178	401240	38.799	ng/ul	98
74) Anthracene	17.604	178	383051	36.260	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.520	216	107360	37.117	ng/uL	96
76) Pentachlorobenzene	15.036	250	112688	36.724	ng/uL	98
77) Carbazole	17.868	167	364163	38.642	ng/ul	100
78) Di-n-butylphthalate	18.426	149	449152	38.093	ng/ul	99
80) Fluoranthene	19.519	202	512534	41.173	ng/ul	99
82) Pyrene	19.884	202	499607	40.280	ng/ul	99
83) Butylbenzylphthalate	20.759	149	201995	41.482	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.646	252	165791	33.979	ng/ul	98
85) Benzo(a)anthracene	21.734	228	503857	39.261	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.634	149	286981	40.407	ng/ul	97
87) Chrysene	21.805	228	477793	39.359	ng/ul	98
89) Di-n-octyl phthalate	22.868	149	487253	43.478	ng/ul	100
90) Benzo(b)fluoranthene	24.002	252	549677	44.753	ng/ul#	98
91) Benzo(k)fluoranthene	24.073	252	519948	43.416	ng/ul	96
93) Benzo(a)pyrene	24.901	252	462729	42.809	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.820	276	624494	44.779	ng/ul	98
95) Dibenzo(a,h)anthracene	28.891	278	524271	45.386	ng/ul	94
96) Benzo(g,h,i)perylene	30.001	276	512835	44.477	ng/ul	94

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

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