Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071421\
Data File : BG049328.D
Acq On : 14 Jul 2021 14:04
Operator : CG/JU
Sample : PB137664BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SLCS664

Manual Integrations APPROVED
mohammad
7/15/2021 11:31:58 AM

Quant Time: Jul 14 14:56:46 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 09 03:15:38 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.067	152	27847	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.887	136	110386	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.712	164	79973	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.462	188	181987	20.000	ng/ul	0.00
79) Chrysene-d12	21.745	240	180550	20.000	ng/ul	0.00
88) Perylene-d12	25.041	264	198307	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.455	96	4808	8.122	ng/uL	-0.01
4) Pyridine-d5	3.878	84	59944	34.437	ng/ul	0.00
7) Phenol-d5	7.221	99	90217	37.245	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.385	67	53026	37.743	ng/ul	0.00
11) 2-Chlorophenol-d4	7.597	132	67756	37.847	ng/ul	0.00
15) 4-Methylphenol-d8	8.778	113	71509	36.845	ng/ul	0.00
21) Nitrobenzene-d5	9.236	128	34671	40.931	ng/ul	0.00
24) 2-Nitrophenol-d4	9.965	143	40257	41.401	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.505	165	78141	41.184	ng/ul	0.00
31) 4-Chloroaniline-d4	11.022	131	92057	37.231	ng/ul	0.00
46) Dimethylphthalate-d6	14.113	166	253441	41.207	ng/ul	0.00
49) Acenaphthylene-d8	14.407	160	295878	41.001	ng/ul	0.00
54) 4-Nitrophenol-d4	14.912	143	40220	39.509	ng/ul	0.00
60) Fluorene-d10	15.705	176	211687	40.652	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.823	200	44655	38.604	ng/ul	0.00
73) Anthracene-d10	17.562	188	341349	41.197	ng/ul	0.00
81) Pyrene-d10	19.847	212	411059	44.420	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.812	264	442381	42.914	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.490	88	9571	13.275	ng/uL	98
5) Pyridine	3.901	79	63970	33.127	ng/ul	96
6) Benzaldehyde	7.197	77	55609	38.161	ng/ul	96
8) Phenol	7.250	94	85399	35.253	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.479	93	61866	34.347	ng/ul#	79
12) 2-Chlorophenol	7.632	128	65297	36.135	ng/ul	98
13) 2-Methylphenol	8.514	108	64287	34.840	ng/ul	91
14) 2,2'-oxybis(1-Chloropr...	8.596	45	108388	37.412	ng/ul	94
16) Acetophenone	8.895	105	113279	35.582	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.878	70	60617	37.472	ng/ul	93
18) 4-Methylphenol	8.843	108	69731	36.325	ng/ul	99
19) Hexachloroethane	9.160	117	28827	35.233	ng/ul	88
22) Nitrobenzene	9.277	77	94547	39.580	ng/ul	96
23) Isophorone	9.806	82	167546	40.603	ng/ul	99
25) 2-Nitrophenol	9.994	139	39526	39.844	ng/ul	94
26) 2,4-Dimethylphenol	10.053	107	83734	38.120	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.288	93	85832	39.015	ng/ul	96
29) 2,4-Dichlorophenol	10.535	162	68958	39.776	ng/ul	99
30) Naphthalene	10.940	128	213249	38.747	ng/ul	97
32) 4-Chloroaniline	11.046	127	86873	35.637	ng/ul	96
33) Hexachlorobutadiene	11.222	225	56941	38.731	ng/ul	95
34) Caprolactam	11.816	113	23237m	38.529	ng/ul	
35) 4-Chloro-3-methylphenol	12.168	107	78820	40.701	ng/ul	90
36) 2-Methylnaphthalene	12.544	142	165983	39.695	ng/ul	94

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37) 1-Methylnaphthalene	12.761	142	158833	38.196	ng/ul#	93
39) 1,2,4,5-Tetrachloroben...	12.908	216	98230	39.106	ng/ul#	96
40) Hexachlorocyclopentadiene	12.891	237	56995	34.166	ng/ul#	98
41) 2,4,6-Trichlorophenol	13.149	196	64656	39.793	ng/ul	88
42) 2,4,5-Trichlorophenol	13.226	196	69961	40.482	ng/ul	87
43) 1,1'-Biphenyl	13.549	154	216963	40.156	ng/ul	97
44) 2-Chloronaphthalene	13.590	162	166213	39.264	ng/ul	98
45) 2-Nitroaniline	13.790	65	62887	40.520	ng/ul	91
47) Dimethylphthalate	14.160	163	227345	39.824	ng/ul#	97
48) 2,6-Dinitrotoluene	14.283	165	49306	40.104	ng/ul	87
50) Acenaphthylene	14.436	152	249416	38.862	ng/ul	99
51) 3-Nitroaniline	14.618	138	42375	37.851	ng/ul	99
52) Acenaphthene	14.777	153	183962	39.468	ng/ul	99
53) 2,4-Dinitrophenol	14.824	184	31016m	39.807	ng/ul	
55) 4-Nitrophenol	14.930	109	50494	39.292	ng/ul	92
56) Dibenzofuran	15.112	168	259620	39.303	ng/ul	97
57) 2,4-Dinitrotoluene	15.071	165	70380	39.670	ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	15.341	232	63491	39.178	ng/ul	96
59) Diethylphthalate	15.523	149	239201	38.981	ng/ul	98
61) Fluorene	15.764	166	221849	39.683	ng/ul	91
62) 4-Chlorophenyl-phenyle...	15.752	204	122754	39.942	ng/ul	98
63) 4-Nitroaniline	15.781	138	43772	39.828	ng/ul#	74
66) 4,6-Dinitro-2-methylph...	15.840	198	40414	36.714	ng/ul#	99
67) N-Nitrosodiphenylamine	15.964	169	187595	40.487	ng/ul	97
68) 4-Bromophenyl-phenylether	16.645	248	81847	40.323	ng/ul	96
69) Hexachlorobenzene	16.769	284	94381	41.057	ng/ul	97
70) Atrazine	16.915	200	86213	40.656	ng/ul	98
71) Pentachlorophenol	17.115	266	65509	47.747	ng/ul	95
72) Phenanthrene	17.509	178	359830	40.538	ng/ul	99
74) Anthracene	17.597	178	355090	39.161	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.514	216	100283	40.393	ng/uL	94
76) Pentachlorobenzene	15.035	250	111180	42.213	ng/uL	95
77) Carbazole	17.867	167	318916	39.426	ng/ul	98
78) Di-n-butylphthalate	18.420	149	396398	39.167	ng/ul	99
80) Fluoranthene	19.512	202	445590	41.403	ng/ul	99
82) Pyrene	19.877	202	445529	41.547	ng/ul	99
83) Butylbenzylphthalate	20.758	149	176333	41.885	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.639	252	166147	39.386	ng/ul	100
85) Benzo(a)anthracene	21.727	228	456049	41.102	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.622	149	258521	42.101	ng/ul	98
87) Chrysene	21.798	228	429518	40.925	ng/ul	99
89) Di-n-octyl phthalate	22.861	149	437209	39.168	ng/ul	100
90) Benzo(b)fluoranthene	23.990	252	508222	41.543	ng/ul	99
91) Benzo(k)fluoranthene	24.060	252	476331	39.933	ng/ul	97
93) Benzo(a)pyrene	24.883	252	436929	40.584	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.802	276	568512	40.927	ng/ul	99
95) Dibenzo(a,h)anthracene	28.866	278	471407	40.973	ng/ul	93
96) Benzo(g,h,i)perylene	29.982	276	474286	41.297	ng/ul	96

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

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