Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081121\
Data File : BG049799.D
Acq On : 11 Aug 2021 22:26
Operator : CG/JU
Sample : PB138304BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SLCS304

Manual Integrations APPROVED
mohammad
8/12/2021 1:34:48 PM

Quant Time: Aug 12 01:32:53 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 10 16:55:58 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.031	152	23053	20.000	ng/ul	0.00
20) Naphthalene-d8	10.857	136	93814	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.687	164	68893	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.436	188	162239	20.000	ng/ul	0.00
79) Chrysene-d12	21.719	240	156581	20.000	ng/ul	0.00
88) Perylene-d12	24.997	264	162214	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.414	96	2921	5.924	ng/uL	0.00
4) Pyridine-d5	3.837	84	44692	30.205	ng/ul	0.00
7) Phenol-d5	7.197	99	68542	32.761	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.356	67	37239	30.987	ng/ul	0.00
11) 2-Chlorophenol-d4	7.561	132	53493	35.723	ng/ul	0.00
15) 4-Methylphenol-d8	8.748	113	54121	33.927	ng/ul	0.00
21) Nitrobenzene-d5	9.206	128	27476	37.180	ng/ul	0.00
24) 2-Nitrophenol-d4	9.929	143	30562	36.213	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.475	165	55680	34.989	ng/ul	0.00
31) 4-Chloroaniline-d4	10.986	131	69848	32.062	ng/ul	0.00
46) Dimethylphthalate-d6	14.088	166	191874	35.490	ng/ul	0.00
49) Acenaphthylene-d8	14.382	160	221879	34.495	ng/ul	0.00
54) 4-Nitrophenol-d4	14.899	143	32149	36.779	ng/ul	0.00
60) Fluorene-d10	15.680	176	164733	35.448	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.803	200	39654	36.315	ng/ul	0.00
73) Anthracene-d10	17.542	188	268235	35.025	ng/ul	0.00
81) Pyrene-d10	19.827	212	320714	37.174	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.773	264	310352	34.917	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.449	88	7156m	11.976	ng/uL	
5) Pyridine	3.855	79	48161	29.358	ng/ul	93
6) Benzaldehyde	7.168	77	47339m	42.456	ng/ul	
8) Phenol	7.221	94	71236	34.367	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.450	93	47732	33.192	ng/ul	94
12) 2-Chlorophenol	7.597	128	51224	34.206	ng/ul	88
13) 2-Methylphenol	8.478	108	55818	34.392	ng/ul	93
14) 2,2'-oxybis(1-Chloropr...	8.560	45	51501m	31.336	ng/ul	
16) Acetophenone	8.860	105	89860	33.941	ng/ul	94
17) N-Nitroso-di-n-propyla...	8.842	70	45666	32.084	ng/ul#	98
18) 4-Methylphenol	8.807	108	57215	33.743	ng/ul	83
19) Hexachloroethane	9.124	117	22995	34.625	ng/ul	87
22) Nitrobenzene	9.247	77	76576	34.943	ng/ul	98
23) Isophorone	9.770	82	131310	35.433	ng/ul	97
25) 2-Nitrophenol	9.958	139	31971	36.984	ng/ul	94
26) 2,4-Dimethylphenol	10.023	107	69116	34.646	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.252	93	64869	34.550	ng/ul	97
29) 2,4-Dichlorophenol	10.504	162	54568	36.254	ng/ul	96
30) Naphthalene	10.904	128	173743	35.463	ng/ul	97
32) 4-Chloroaniline	11.016	127	70709	33.919	ng/ul	93
33) Hexachlorobutadiene	11.186	225	40441	32.710	ng/ul	96
34) Caprolactam	11.773	113	20173m	41.921	ng/ul	
35) 4-Chloro-3-methylphenol	12.143	107	64903	37.208	ng/ul	94
36) 2-Methylnaphthalene	12.514	142	130795	34.866	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.731	142	126953	34.778	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.878	216	72685	33.971	ng/ul	98
40) Hexachlorocyclopentadiene	12.854	237	26200	20.761	ng/ul#	94
41) 2,4,6-Trichlorophenol	13.119	196	48755	35.608	ng/ul#	96
42) 2,4,5-Trichlorophenol	13.201	196	51374	34.968	ng/ul	97
43) 1,1'-Biphenyl	13.518	154	174413	33.985	ng/ul	98
44) 2-Chloronaphthalene	13.565	162	138876	34.568	ng/ul	97
45) 2-Nitroaniline	13.765	65	50614	35.786	ng/ul	96
47) Dimethylphthalate	14.135	163	189064	35.231	ng/ul	99
48) 2,6-Dinitrotoluene	14.258	165	40073	36.563	ng/ul	95
50) Acenaphthylene	14.411	152	211349	34.826	ng/ul	97
51) 3-Nitroaniline	14.593	138	38137	39.086	ng/ul	92
52) Acenaphthene	14.752	153	147895	34.119	ng/ul	97
53) 2,4-Dinitrophenol	14.805	184	23816	39.441	ng/ul	94
55) 4-Nitrophenol	14.910	109	41925	36.675	ng/ul	88
56) Dibenzofuran	15.086	168	209167	34.784	ng/ul	99
57) 2,4-Dinitrotoluene	15.051	165	61276	38.760	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.316	232	48687	40.215	ng/ul#	93
59) Diethylphthalate	15.498	149	201765	37.291	ng/ul	96
61) Fluorene	15.733	166	177569	36.312	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.721	204	93702	35.196	ng/ul	96
63) 4-Nitroaniline	15.756	138	42541	46.632	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.821	198	36831	35.995	ng/ul#	98
67) N-Nitrosodiphenylamine	15.938	169	153760	34.387	ng/ul	93
68) 4-Bromophenyl-phenylether	16.620	248	66303	35.133	ng/ul	96
69) Hexachlorobenzene	16.743	284	75078	35.143	ng/ul	97
70) Atrazine	16.890	200	68826	34.990	ng/ul	93
71) Pentachlorophenol	17.096	266	35938	35.125	ng/ul	94
72) Phenanthrene	17.483	178	304702	35.484	ng/ul	99
74) Anthracene	17.571	178	302445	35.210	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.489	216	76729	32.198	ng/uL	97
76) Pentachlorobenzene	15.010	250	82805	32.948	ng/uL	95
77) Carbazole	17.842	167	280328	36.520	ng/ul	97
78) Di-n-butylphthalate	18.388	149	347760	37.055	ng/ul	99
80) Fluoranthene	19.492	202	392139	36.830	ng/ul	100
82) Pyrene	19.857	202	384342	36.192	ng/ul	99
83) Butylbenzylphthalate	20.732	149	155852	38.510	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.613	252	139960	37.756	ng/ul	99
85) Benzo(a)anthracene	21.701	228	372901	36.273	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.589	149	224178	37.816	ng/ul	98
87) Chrysene	21.772	228	353176	36.784	ng/ul	97
89) Di-n-octyl phthalate	22.817	149	372151	36.780	ng/ul	100
90) Benzo(b)fluoranthene	23.951	252	398814	37.616	ng/ul	98
91) Benzo(k)fluoranthene	24.021	252	382020	36.288	ng/ul	99
93) Benzo(a)pyrene	24.844	252	347413	37.222	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	28.750	276	456066	37.234	ng/ul	99
95) Dibenzo(a,h)anthracene	28.809	278	375649	36.763	ng/ul#	98
96) Benzo(g,h,i)perylene	29.925	276	377495	37.061	ng/ul	95

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

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