Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061562.D
Acq On : 8 Jun 2024 11:23
Operator : MA/JU
Sample : PB161362BS
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SLCS362

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/10/2024

Quant Time: Jun 10 01:17:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 06 12:15:45 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.870	152	27101	20.000	ng/ul	0.00
20) Naphthalene-d8	10.666	136	110166	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.509	164	81374	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.265	188	193578	20.000	ng/ul	0.00
79) Chrysene-d12	21.524	240	215118	20.000	ng/ul	0.00
88) Perylene-d12	24.621	264	242154	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.328	96	2340	4.832	ng/uL	-0.03
4) Pyridine-d5	3.739	84	38036	22.078	ng/ul	-0.03
7) Phenol-d5	7.065	99	53771	24.161	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.200	67	30542	21.834	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.411	132	43975	26.699	ng/ul	0.00
15) 4-Methylphenol-d8	8.598	113	46455	24.480	ng/ul	0.00
21) Nitrobenzene-d5	9.027	128	23789	28.046	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.750	143	26950	27.149	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.302	165	55629	28.745	ng/ul	0.00
31) 4-Chloroaniline-d4	10.802	131	63194	24.960	ng/ul	0.00
46) Dimethylphthalate-d6	13.916	166	170822	27.066	ng/ul	0.00
49) Acenaphthylene-d8	14.203	160	184194	28.073	ng/ul	0.00
54) 4-Nitrophenol-d4	14.756	143	18157	23.270	ng/ul	0.00
60) Fluorene-d10	15.508	176	151992	27.894	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.655	200	29458	25.161	ng/ul	0.00
73) Anthracene-d10	17.364	188	253382	29.690	ng/ul	0.00
81) Pyrene-d10	19.656	212	308121	27.896	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.409	264	345896	29.712	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.369	88	5721m	9.843	ng/uL	
5) Pyridine	3.757	79	37342	21.914	ng/ul	88
6) Benzaldehyde	7.012	77	31678	27.222	ng/ul	85
8) Phenol	7.088	94	54109	23.862	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.294	93	37324	22.502	ng/ul	89
12) 2-Chlorophenol	7.447	128	43819	25.174	ng/ul	95
13) 2-Methylphenol	8.328	108	41706	23.732	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.393	45	80959	18.073	ng/ul#	94
16) Acetophenone	8.692	105	72050	22.246	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.675	70	36083	20.263	ng/ul#	80
18) 4-Methylphenol	8.657	108	47008	24.143	ng/ul	98
19) Hexachloroethane	8.945	117	19315	24.939	ng/ul	89
22) Nitrobenzene	9.074	77	54491	23.423	ng/ul	94
23) Isophorone	9.591	82	99858	21.101	ng/ul	99
25) 2-Nitrophenol	9.785	139	27192	25.237	ng/ul	99
26) 2,4-Dimethylphenol	9.856	107	45576	21.347	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.073	93	52687	22.210	ng/ul	97
29) 2,4-Dichlorophenol	10.332	162	50610	28.393	ng/ul	91
30) Naphthalene	10.713	128	146778	25.242	ng/ul	99
32) 4-Chloroaniline	10.825	127	53387	21.219	ng/ul	99
33) Hexachlorobutadiene	10.995	225	49576	28.455	ng/ul	98
34) Caprolactam	11.595	113	14374m	21.078	ng/ul	
35) 4-Chloro-3-methylphenol	11.983	107	54828	23.795	ng/ul	99
36) 2-Methylnaphthalene	12.323	142	103324	24.503	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.547	142	105027	24.269	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.699	216	86070	32.037	ng/ul	99
40) Hexachlorocyclopentadiene	12.676	237	3231	2.664	ng/ul#	86
41) 2,4,6-Trichlorophenol	12.952	196	47901	31.654	ng/ul	99
42) 2,4,5-Trichlorophenol	13.034	196	52696	33.067	ng/ul	96
43) 1,1'-Biphenyl	13.340	154	151839	28.857	ng/ul	94
44) 2-Chloronaphthalene	13.381	162	119855	28.944	ng/ul	96
45) 2-Nitroaniline	13.592	65	43448	25.422	ng/ul	95
47) Dimethylphthalate	13.963	163	166121	25.254	ng/ul	98
48) 2,6-Dinitrotoluene	14.092	165	34361	26.637	ng/ul	97
50) Acenaphthylene	14.233	152	191669	26.343	ng/ul	98
51) 3-Nitroaniline	14.421	138	31698	28.315	ng/ul	95
52) Acenaphthene	14.574	153	127812	26.779	ng/ul	99
53) 2,4-Dinitrophenol	14.656	184	14426m	21.089	ng/ul	
55) 4-Nitrophenol	14.773	109	19840	21.627	ng/ul	92
56) Dibenzofuran	14.909	168	185465	27.177	ng/ul	97
57) 2,4-Dinitrotoluene	14.891	165	51767	26.377	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.149	232	42834	29.471	ng/ul#	91
59) Diethylphthalate	15.326	149	162111	24.957	ng/ul	98
61) Fluorene	15.561	166	158457	26.836	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.549	204	94136	27.184	ng/ul	97
63) 4-Nitroaniline	15.590	138	34710	29.769	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.672	198	30345	24.731	ng/ul#	85
67) N-Nitrosodiphenylamine	15.772	169	140040	28.783	ng/ul	97
68) 4-Bromophenyl-phenylether	16.448	248	67681	29.508	ng/ul	98
69) Hexachlorobenzene	16.577	284	78351	30.733	ng/ul	95
70) Atrazine	16.724	200	49515	25.716	ng/ul	96
71) Pentachlorophenol	16.936	266	22289m	25.119	ng/ul	
72) Phenanthrene	17.306	178	262312	27.919	ng/ul	99
74) Anthracene	17.400	178	268983	27.689	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.310	216	87649	34.254	ng/uL	96
76) Pentachlorobenzene	14.838	250	91109	32.205	ng/uL	97
77) Carbazole	17.670	167	225644	28.557	ng/ul	97
78) Di-n-butylphthalate	18.222	149	268894	27.159	ng/ul	99
80) Fluoranthene	19.321	202	347949	26.260	ng/ul	99
82) Pyrene	19.685	202	371924	27.041	ng/ul	98
83) Butylbenzylphthalate	20.572	149	122059	25.833	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.419	252	141935	31.084	ng/ul	98
85) Benzo(a)anthracene	21.501	228	410280	27.641	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.407	149	178076	25.462	ng/ul	99
87) Chrysene	21.565	228	379949	27.800	ng/ul	99
89) Di-n-octyl phthalate	22.570	149	303140	25.022	ng/ul	100
90) Benzo(b)fluoranthene	23.639	252	403574	27.992	ng/ul	98
91) Benzo(k)fluoranthene	23.704	252	405448	27.701	ng/ul	97
93) Benzo(a)pyrene	24.474	252	344819	25.187	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.146	276	444165	26.828	ng/ul	98
95) Dibenzo(a,h)anthracene	28.187	278	356908	26.144	ng/ul	98
96) Benzo(g,h,i)perylene	29.233	276	311618m	23.659	ng/ul	

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

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