Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091824\
Data File : BG062954.D
Acq On : 19 Sep 2024 22:07
Operator : JU/RC
Sample : PB163458BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SLCS458

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

Quant Time: Sep 19 23:39:56 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 18 00:45:18 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.855	152	48446	20.000	ng/ul	# 0.00
20) Naphthalene-d8	10.646	136	193674	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.488	164	156928	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.238	188	360121	20.000	ng/ul	0.00
79) Chrysene-d12	21.492	240	380955	20.000	ng/ul	# 0.00
88) Perylene-d12	24.535	264	456793	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.331	96	6916	4.181	ng/uL	0.00
4) Pyridine-d5	3.736	84	81284	18.102	ng/ul	0.00
7) Phenol-d5	7.026	99	120973	24.064	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.185	67	68013	24.176	ng/ul	0.00
11) 2-Chlorophenol-d4	7.391	132	79339	24.039	ng/ul	0.00
15) 4-Methylphenol-d8	8.566	113	81456	22.119	ng/ul	0.00
21) Nitrobenzene-d5	9.012	128	35845	23.232	ng/ul	0.00
24) 2-Nitrophenol-d4	9.723	143	43760	24.999	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.270	165	86913	23.931	ng/ul	0.00
31) 4-Chloroaniline-d4	10.781	131	93011	20.579	ng/ul	0.00
46) Dimethylphthalate-d6	13.895	166	265064	22.714	ng/ul	0.00
49) Acenaphthylene-d8	14.183	160	285146	21.878	ng/ul	0.00
54) 4-Nitrophenol-d4	14.700	143	40329	21.566	ng/ul	0.00
60) Fluorene-d10	15.487	176	243043	22.368	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.604	200	58983	27.095	ng/ul	0.00
73) Anthracene-d10	17.338	188	390787	22.961	ng/ul	0.00
81) Pyrene-d10	19.635	212	518872	22.488	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.330	264	544595	22.606	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.372	88	10915	6.669	ng/uL	89
5) Pyridine	3.754	79	85630	19.150	ng/ul#	94
6) Benzaldehyde	6.997	77	59649	21.680	ng/ul	98
8) Phenol	7.056	94	120067	22.895	ng/ul#	86
10) Bis(2-Chloroethyl)ether	7.279	93	86848	24.494	ng/ul	95
12) 2-Chlorophenol	7.426	128	81922	24.181	ng/ul#	92
13) 2-Methylphenol	8.301	108	76920	21.206	ng/ul	83
14) 2,2'-oxybis(1-Chloropr...	8.378	45	82517	18.757	ng/ul	96
16) Acetophenone	8.671	105	128397	22.165	ng/ul#	93
17) N-Nitroso-di-n-propyla...	8.660	70	69263	20.477	ng/ul#	96
18) 4-Methylphenol	8.630	108	80449	20.265	ng/ul	99
19) Hexachloroethane	8.930	117	32723	22.736	ng/ul	88
22) Nitrobenzene	9.053	77	113146	24.700	ng/ul#	96
23) Isophorone	9.570	82	208691	22.877	ng/ul	97
25) 2-Nitrophenol	9.764	139	43711	22.741	ng/ul#	76
26) 2,4-Dimethylphenol	9.823	107	82690	19.201	ng/ul	89
27) Bis(2-Chloroethoxy)met...	10.058	93	111314	22.953	ng/ul	93
29) 2,4-Dichlorophenol	10.299	162	82067	22.827	ng/ul	98
30) Naphthalene	10.698	128	240177	22.334	ng/ul	95
32) 4-Chloroaniline	10.804	127	82059	18.648	ng/ul	99
33) Hexachlorobutadiene	10.980	225	74242	25.836	ng/ul	95
34) Caprolactam	11.556	113	27168m	22.699	ng/ul	
35) 4-Chloro-3-methylphenol	11.932	107	102608	24.832	ng/ul	91
36) 2-Methylnaphthalene	12.308	142	170833	22.045	ng/ul	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.526	142	175305	22.353	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.678	216	134911	24.258	ng/ul	96
40) Hexachlorocyclopentadiene	12.655	237	65374	22.157	ng/ul	93
41) 2,4,6-Trichlorophenol	12.919	196	70515	20.347	ng/ul#	92
42) 2,4,5-Trichlorophenol	12.996	196	76187	20.926	ng/ul	94
43) 1,1'-Biphenyl	13.319	154	259150	22.231	ng/ul#	91
44) 2-Chloronaphthalene	13.360	162	207521	22.151	ng/ul	96
45) 2-Nitroaniline	13.566	65	75319	23.779	ng/ul	95
47) Dimethylphthalate	13.942	163	268589	22.496	ng/ul	99
48) 2,6-Dinitrotoluene	14.065	165	53194	23.349	ng/ul#	82
50) Acenaphthylene	14.206	152	310891	22.656	ng/ul	98
51) 3-Nitroaniline	14.394	138	44379	21.721	ng/ul#	69
52) Acenaphthene	14.553	153	217570	21.830	ng/ul	97
53) 2,4-Dinitrophenol	14.600	184	32123	23.607	ng/ul	91
55) 4-Nitrophenol	14.711	109	62190	29.450	ng/ul#	79
56) Dibenzofuran	14.894	168	316522	21.415	ng/ul	94
57) 2,4-Dinitrotoluene	14.852	165	79291	23.092	ng/ul#	85
58) 2,3,4,6-Tetrachlorophenol	15.117	232	60878	18.581	ng/ul	96
59) Diethylphthalate	15.311	149	269722	20.303	ng/ul	95
61) Fluorene	15.540	166	249001	22.017	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.534	204	145360	23.293	ng/ul	99
63) 4-Nitroaniline	15.563	138	52165	25.441	ng/ul#	77
66) 4,6-Dinitro-2-methylph...	15.622	198	58653	25.186	ng/ul#	95
67) N-Nitrosodiphenylamine	15.745	169	233579	23.096	ng/ul	97
68) 4-Bromophenyl-phenylether	16.427	248	104613	26.130	ng/ul	99
69) Hexachlorobenzene	16.550	284	120589	26.087	ng/ul	92
70) Atrazine	16.697	200	2057	0.490	ng/ul#	90
71) Pentachlorophenol	16.891	266	45552	17.281	ng/ul	94
72) Phenanthrene	17.285	178	456416	23.857	ng/ul	99
74) Anthracene	17.373	178	450985	22.829	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.290	216	133856	24.375	ng/ul	96
76) Pentachlorobenzene	14.811	250	145579	25.117	ng/ul	99
77) Carbazole	17.643	167	375703	23.888	ng/ul	98
78) Di-n-butylphthalate	18.207	149	445746	22.036	ng/ul#	97
80) Fluoranthene	19.300	202	559505	22.220	ng/ul#	93
82) Pyrene	19.664	202	603298	22.474	ng/ul#	92
83) Butylbenzylphthalate	20.563	149	199557	21.389	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.392	252	210076	24.587	ng/ul	95
85) Benzo(a)anthracene	21.474	228	623363	23.098	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.392	149	281923	20.915	ng/ul#	98
87) Chrysene	21.539	228	595616	23.588	ng/ul	99
89) Di-n-octyl phthalate	22.538	149	506386	20.932	ng/ul	100
90) Benzo(b)fluoranthene	23.572	252	638126	22.946	ng/ul#	96
91) Benzo(k)fluoranthene	23.636	252	666127	24.042	ng/ul#	97
93) Benzo(a)pyrene	24.394	252	575362	22.008	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	27.966	276	743191	23.200	ng/ul#	87
95) Dibenzo(a,h)anthracene	28.025	278	605337	23.638	ng/ul#	94
96) Benzo(g,h,i)perylene	29.036	276	573377	23.311	ng/ul#	97

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

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