Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091024\
Data File : BG062730.D
Acq On : 11 Sep 2024 11:07
Operator : JU/RC
Sample : PB163242BS
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SLCS242

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 09/12/2024
Supervised By :mohammad ahmed 09/13/2024

Quant Time: Sep 11 12:54:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 10 01:28:17 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.906	152	71327	20.000	ng/ul	0.00
20) Naphthalene-d8	10.697	136	283943	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.534	164	233271	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.278	188	624300	20.000	ng/ul	0.00
79) Chrysene-d12	21.526	240	663777	20.000	ng/ul	0.00
88) Perylene-d12	24.587	264	734928	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.365	96	7920	5.019	ng/uL	0.00
4) Pyridine-d5	3.764	84	104618	20.829	ng/ul	0.00
7) Phenol-d5	7.072	99	153908	24.607	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.237	67	88102	23.495	ng/ul	0.00
11) 2-Chlorophenol-d4	7.436	132	112795	24.758	ng/ul	0.00
15) 4-Methylphenol-d8	8.611	113	127517	24.466	ng/ul	0.00
21) Nitrobenzene-d5	9.058	128	57592	28.379	ng/ul	0.00
24) 2-Nitrophenol-d4	9.781	143	69396	31.267	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.321	165	143396	29.668	ng/ul	0.00
31) 4-Chloroaniline-d4	10.826	131	146708	22.082	ng/ul	0.00
46) Dimethylphthalate-d6	13.940	166	456259	25.399	ng/ul	0.00
49) Acenaphthylene-d8	14.228	160	507587	25.442	ng/ul	0.00
54) 4-Nitrophenol-d4	14.734	143	78478	25.717	ng/ul	0.00
60) Fluorene-d10	15.527	176	423066	26.136	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.644	200	98737	27.495	ng/ul	0.00
73) Anthracene-d10	17.378	188	740770	25.142	ng/ul	0.00
81) Pyrene-d10	19.669	212	969197	25.947	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.381	264	1005879	25.920	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.400	88	14512	8.206	ng/uL#	94
5) Pyridine	3.788	79	113090	21.467	ng/ul	99
6) Benzaldehyde	7.043	77	71865	20.898	ng/ul	96
8) Phenol	7.096	94	158457	24.372	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.325	93	115993	23.600	ng/ul	97
12) 2-Chlorophenol	7.472	128	118499	25.439	ng/ul	99
13) 2-Methylphenol	8.347	108	117392	24.078	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.429	45	201673	22.797	ng/ul	98
16) Acetophenone	8.723	105	200931	23.719	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.705	70	108294	24.421	ng/ul	97
18) 4-Methylphenol	8.670	108	133317	24.305	ng/ul	95
19) Hexachloroethane	8.982	117	46873	24.996	ng/ul	96
22) Nitrobenzene	9.099	77	153654	27.988	ng/ul	97
23) Isophorone	9.622	82	308043	27.445	ng/ul	99
25) 2-Nitrophenol	9.810	139	71608	29.274	ng/ul	95
26) 2,4-Dimethylphenol	9.875	107	116719	22.330	ng/ul	93
27) Bis(2-Chloroethoxy)met...	10.104	93	169659	27.047	ng/ul	97
29) 2,4-Dichlorophenol	10.345	162	138441	29.081	ng/ul	98
30) Naphthalene	10.750	128	380382	24.985	ng/ul	99
32) 4-Chloroaniline	10.856	127	136308	20.629	ng/ul	96
33) Hexachlorobutadiene	11.038	225	102751	25.909	ng/ul	94
34) Caprolactam	11.602	113	43606m	24.853	ng/ul	
35) 4-Chloro-3-methylphenol	11.978	107	139877	26.935	ng/ul	95
36) 2-Methylnaphthalene	12.354	142	273796	24.367	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.577	142	283076	24.595	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.724	216	202125	25.204	ng/ul	98
40) Hexachlorocyclopentadiene	12.707	237	90113	21.960	ng/ul#	92
41) 2,4,6-Trichlorophenol	12.965	196	112104	23.078	ng/ul	98
42) 2,4,5-Trichlorophenol	13.036	196	131734	25.259	ng/ul	93
43) 1,1'-Biphenyl	13.365	154	400737	24.429	ng/ul	99
44) 2-Chloronaphthalene	13.406	162	334747	25.095	ng/ul	97
45) 2-Nitroaniline	13.606	65	101340	27.687	ng/ul	96
47) Dimethylphthalate	13.987	163	469400	25.374	ng/ul	100
48) 2,6-Dinitrotoluene	14.105	165	92409	28.353	ng/ul	96
50) Acenaphthylene	14.258	152	554364	26.319	ng/ul	98
51) 3-Nitroaniline	14.434	138	89704	27.491	ng/ul#	97
52) Acenaphthene	14.599	153	365640	24.507	ng/ul	97
53) 2,4-Dinitrophenol	14.640	184	58825	27.333	ng/ul	96
55) 4-Nitrophenol	14.745	109	72691	26.500	ng/ul	97
56) Dibenzofuran	14.933	168	561932	25.354	ng/ul	99
57) 2,4-Dinitrotoluene	14.892	165	138855	27.249	ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	15.157	232	114994	21.757	ng/ul	99
59) Diethylphthalate	15.356	149	467782	25.632	ng/ul	99
61) Fluorene	15.586	166	449328	25.807	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.574	204	270137	26.450	ng/ul	98
63) 4-Nitroaniline	15.597	138	98715	28.113	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.662	198	98603	26.489	ng/ul	94
67) N-Nitrosodiphenylamine	15.791	169	401345	25.067	ng/ul	100
68) 4-Bromophenyl-phenylether	16.467	248	187520	26.103	ng/ul	98
69) Hexachlorobenzene	16.584	284	216711	26.421	ng/ul	98
70) Atrazine	16.731	200	4852	0.680	ng/ul	97
71) Pentachlorophenol	16.931	266	94839	19.331	ng/ul	96
72) Phenanthrene	17.319	178	829488	25.550	ng/ul	99
74) Anthracene	17.413	178	833523	25.184	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.329	216	206084	24.172	ng/ul	99
76) Pentachlorobenzene	14.857	250	225484	23.867	ng/ul	98
77) Carbazole	17.677	167	723918	26.376	ng/ul	99
78) Di-n-butylphthalate	18.241	149	867571	26.728	ng/ul	99
80) Fluoranthene	19.334	202	1075850	26.006	ng/ul	99
82) Pyrene	19.698	202	1127012	25.308	ng/ul	99
83) Butylbenzylphthalate	20.591	149	378783	28.653	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.426	252	390108	27.915	ng/ul	99
85) Benzo(a)anthracene	21.508	228	1213207	26.279	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.426	149	551234	28.319	ng/ul	100
87) Chrysene	21.573	228	1136343	25.945	ng/ul	98
89) Di-n-octyl phthalate	22.583	149	967638	28.306	ng/ul	100
90) Benzo(b)fluoranthene	23.617	252	1206438	26.588	ng/ul	99
91) Benzo(k)fluoranthene	23.688	252	1182792	25.457	ng/ul	98
93) Benzo(a)pyrene	24.446	252	1078255	25.194	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.042	276	1391452	26.388	ng/ul	97
95) Dibenzo(a,h)anthracene	28.106	278	1134649	26.789	ng/ul	99
96) Benzo(g,h,i)perylene	29.123	276	1103772	27.103	ng/ul	97

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

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