Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072324\
Data File : BG062194.D
Acq On : 23 Jul 2024 20:39
Operator : MA/JU
Sample : P3263-22MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CL0MSD

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024

Quant Time: Jul 23 23:24:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 19 14:38:52 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.064	152	49458	20.000	ng/ul	0.00
20) Naphthalene-d8	10.883	136	207360	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.696	164	162448	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.445	188	385010	20.000	ng/ul	0.00
79) Chrysene-d12	21.704	240	349097	20.000	ng/ul	0.00
88) Perylene-d12	24.947	264	379255	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.452	96	3679	3.473	ng/uL	0.00
4) Pyridine-d5	3.881	84	14205	3.691	ng/ul	0.00
7) Phenol-d5	7.241	99	95845	19.684	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.388	67	54854	19.608	ng/ul	0.00
11) 2-Chlorophenol-d4	7.605	132	66708	21.739	ng/ul	0.00
15) 4-Methylphenol-d8	8.792	113	73295	19.766	ng/ul	0.00
21) Nitrobenzene-d5	9.238	128	34325	20.777	ng/ul	0.00
24) 2-Nitrophenol-d4	9.961	143	40917	20.577	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.513	165	96163	23.102	ng/ul	0.00
31) 4-Chloroaniline-d4	11.018	131	37410	7.471	ng/ul	0.00
46) Dimethylphthalate-d6	14.097	166	289839	21.050	ng/ul	0.00
49) Acenaphthylene-d8	14.396	160	312676	22.395	ng/ul	0.00
54) 4-Nitrophenol-d4	14.925	143	29674	17.884	ng/ul	0.00
60) Fluorene-d10	15.689	176	255098	21.760	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.812	200	51858	21.195	ng/ul	0.00
73) Anthracene-d10	17.539	188	398289m	22.146	ng/ul	0.00
81) Pyrene-d10	19.824	212	421349	21.287	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.723	264	312060	16.460	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.493	88	11395	8.206	ng/uL#	64
5) Pyridine	3.905	79	47161	11.974	ng/ul#	80
6) Benzaldehyde	7.206	77	63528	24.851	ng/ul	97
8) Phenol	7.271	94	115314	24.004	ng/ul	89
10) Bis(2-Chloroethyl)ether	7.482	93	73318	22.158	ng/ul	92
12) 2-Chlorophenol	7.635	128	74736	23.989	ng/ul	99
13) 2-Methylphenol	8.522	108	84737	23.541	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.586	45	134134	22.907	ng/ul	96
16) Acetophenone	8.898	105	156713	24.207	ng/ul	88
17) N-Nitroso-di-n-propyla...	8.868	70	83384	22.510	ng/ul#	86
18) 4-Methylphenol	8.857	108	97008	24.440	ng/ul	95
19) Hexachloroethane	9.145	117	27311	19.582	ng/ul#	73
22) Nitrobenzene	9.280	77	127064	23.784	ng/ul#	95
23) Isophorone	9.797	82	234963	21.680	ng/ul	96
25) 2-Nitrophenol	9.990	139	50708	24.114	ng/ul#	75
26) 2,4-Dimethylphenol	10.055	107	77366	15.331	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.278	93	112347	22.276	ng/ul	97
29) 2,4-Dichlorophenol	10.537	162	102812	25.999	ng/ul#	87
30) Naphthalene	10.936	128	283583	25.351	ng/ul	99
32) 4-Chloroaniline	11.048	127	50479	10.725	ng/ul	94
33) Hexachlorobutadiene	11.195	225	97368	25.913	ng/ul	94
34) Caprolactam	11.823	113	28243	20.917	ng/ul	92
35) 4-Chloro-3-methylphenol	12.176	107	115891	24.440	ng/ul#	96
36) 2-Methylnaphthalene	12.534	142	213068	25.231	ng/ul	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.751	142	209417	24.050	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.892	216	178275	27.215	ng/ul#	96
40) Hexachlorocyclopentadiene	12.857	237	31950	9.945	ng/ul	96
41) 2,4,6-Trichlorophenol	13.139	196	103579	28.189	ng/ul	92
42) 2,4,5-Trichlorophenol	13.221	196	110440	27.612	ng/ul	99
43) 1,1'-Biphenyl	13.533	154	309300	26.898	ng/ul	98
44) 2-Chloronaphthalene	13.580	162	249440	26.383	ng/ul	97
45) 2-Nitroaniline	13.791	65	93857	26.939	ng/ul	87
47) Dimethylphthalate	14.144	163	311041	23.724	ng/ul	99
48) 2,6-Dinitrotoluene	14.273	165	65531	24.407	ng/ul	98
50) Acenaphthylene	14.426	152	386802	25.413	ng/ul	98
51) 3-Nitroaniline	14.614	138	42950	19.802	ng/ul#	98
52) Acenaphthene	14.760	153	257876	25.524	ng/ul	99
53) 2,4-Dinitrophenol	14.819	184	25724	17.897	ng/ul#	87
55) 4-Nitrophenol	14.943	109	59395	23.387	ng/ul	90
56) Dibenzofuran	15.095	168	386648	25.414	ng/ul	96
57) 2,4-Dinitrotoluene	15.066	165	97379	23.636	ng/ul#	85
58) 2,3,4,6-Tetrachlorophenol	15.324	232	86438	24.562	ng/ul#	99
59) Diethylphthalate	15.501	149	298887	23.057	ng/ul	96
61) Fluorene	15.741	166	328966	25.216	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.730	204	197763	24.479	ng/ul	93
63) 4-Nitroaniline	15.771	138	49397	21.283	ng/ul	88
66) 4,6-Dinitro-2-methylph...	15.830	198	58359	25.405	ng/ul#	88
67) N-Nitrosodiphenylamine	15.947	169	266501	28.297	ng/ul	98
68) 4-Bromophenyl-phenylether	16.623	248	126347	28.181	ng/ul	98
69) Hexachlorobenzene	16.740	284	104300	21.922	ng/ul	94
70) Atrazine	16.893	200	88147	18.573	ng/ul	95
71) Pentachlorophenol	17.098	266	42729m	24.355	ng/ul	
72) Phenanthrene	17.486	178	685689	37.010	ng/ul	97
74) Anthracene	17.574	178	507139	26.588	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.497	216	174043	31.560	ng/ul	93
76) Pentachlorobenzene	15.013	250	153679	28.158	ng/ul	98
77) Carbazole	17.850	167	394593	24.332	ng/ul	99
78) Di-n-butylphthalate	18.385	149	454311	24.436	ng/ul	99
80) Fluoranthene	19.489	202	1041084	45.850	ng/ul	99
82) Pyrene	19.854	202	862439	36.529	ng/ul	98
83) Butylbenzylphthalate	20.717	149	186398	26.606	ng/ul	97
85) Benzo(a)anthracene	21.686	228	877901	35.828	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.569	149	288873	28.764	ng/ul	98
87) Chrysene	21.751	228	824709	36.610	ng/ul	99
89) Di-n-octyl phthalate	22.779	149	453974	26.020	ng/ul	100
90) Benzo(b)fluoranthene	23.919	252	855364m	36.505	ng/ul	
91) Benzo(k)fluoranthene	23.983	252	710822	30.391	ng/ul	100
93) Benzo(a)pyrene	24.794	252	408137	18.599	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.653	276	625184	24.797	ng/ul	94
95) Dibenzo(a,h)anthracene	28.712	278	615653m	29.449	ng/ul	
96) Benzo(g,h,i)perylene	29.793	276	73143m	3.624	ng/ul	

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

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