Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091324\
Data File : BG062865.D
Acq On : 16 Sep 2024 3:59
Operator : JU/RC
Sample : P3899-08MSD
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DDC00MSD

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

Quant Time: Sep 16 05:58:27 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	7.905	152	47221	20.000	ng/ul	0.00
20) Naphthalene-d8	10.696	136	180842	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.533	164	150062	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.282	188	378303	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.524	240	424073	20.000	ng/ul	# 0.00
88) Perylene-d12	24.585	264	484954	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.357	96	3287	3.147	ng/uL	0.00
4) Pyridine-d5	3.769	84	57925	17.420	ng/ul	0.00
7) Phenol-d5	7.082	99	89011	21.497	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.229	67	47479	19.125	ng/ul	0.00
11) 2-Chlorophenol-d4	7.441	132	68069	22.568	ng/ul	0.00
15) 4-Methylphenol-d8	8.616	113	81192	23.530	ng/ul	0.00
21) Nitrobenzene-d5	9.057	128	36647	28.354	ng/ul	0.00
24) 2-Nitrophenol-d4	9.779	143	43908	31.062	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.320	165	92507	30.051	ng/ul	0.00
31) 4-Chloroaniline-d4	10.831	131	98571	23.295	ng/ul	0.00
46) Dimethylphthalate-d6	13.939	166	288626	24.977	ng/ul	0.00
49) Acenaphthylene-d8	14.227	160	321420	25.044	ng/ul	0.00
54) 4-Nitrophenol-d4	14.744	143	48039	24.471	ng/ul	0.01
60) Fluorene-d10	15.525	176	263794	25.333	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.667	200	173390	79.680	ng/ul	0.02
73) Anthracene-d10	17.382	188	460146	25.773	ng/ul	0.00
81) Pyrene-d10	19.668	212	582986	24.430	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.380	264	672220	26.251	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.393	88	11360	9.703	ng/uL#	85
5) Pyridine	3.792	79	90157	25.850	ng/ul	94
6) Benzaldehyde	7.041	77	79861	35.079	ng/ul	89
8) Phenol	7.106	94	127719	29.672	ng/ul#	87
10) Bis(2-Chloroethyl)ether	7.323	93	82733	25.426	ng/ul	95
12) 2-Chlorophenol	7.470	128	95591	30.997	ng/ul	97
13) 2-Methylphenol	8.352	108	97640	30.251	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.422	45	146903	25.083	ng/ul#	92
16) Acetophenone	8.716	105	266746	47.564	ng/ul#	80
17) N-Nitroso-di-n-propyla...	8.704	70	88155	30.027	ng/ul#	92
18) 4-Methylphenol	8.675	108	109620	30.187	ng/ul	99
19) Hexachloroethane	8.980	117	54151	43.619	ng/ul#	78
22) Nitrobenzene	9.098	77	128288	36.690	ng/ul#	95
23) Isophorone	9.627	82	262743	36.754	ng/ul#	95
25) 2-Nitrophenol	9.809	139	59570	38.236	ng/ul#	86
26) 2,4-Dimethylphenol	9.879	107	96544	29.001	ng/ul	93
27) Bis(2-Chloroethoxy)met...	10.102	93	125366	31.380	ng/ul	99
29) 2,4-Dichlorophenol	10.349	162	120095	39.609	ng/ul	99
30) Naphthalene	10.749	128	367137	37.863	ng/ul	99
32) 4-Chloroaniline	10.860	127	108485	25.779	ng/ul	100
33) Hexachlorobutadiene	11.031	225	119701	47.391	ng/ul	96
34) Caprolactam	11.783	113	43558m	38.979	ng/ul	
35) 4-Chloro-3-methylphenol	11.988	107	124416	37.617	ng/ul	94
36) 2-Methylnaphthalene	12.353	142	356400	49.802	ng/ul	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.576	142	312743	42.663	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.723	216	204561	39.652	ng/ul	99
40) Hexachlorocyclopentadiene	12.705	237	103223	39.104	ng/ul	96
41) 2,4,6-Trichlorophenol	12.964	196	124570	39.865	ng/ul	99
42) 2,4,5-Trichlorophenol	13.040	196	146433	43.646	ng/ul	92
43) 1,1'-Biphenyl	13.363	154	355357	33.675	ng/ul	98
44) 2-Chloronaphthalene	13.404	162	291964	34.025	ng/ul	97
45) 2-Nitroaniline	13.610	65	87593	37.201	ng/ul	95
47) Dimethylphthalate	13.986	163	378783	31.829	ng/ul	99
48) 2,6-Dinitrotoluene	14.110	165	80184	38.244	ng/ul	94
50) Acenaphthylene	14.256	152	430786	31.793	ng/ul	99
51) 3-Nitroaniline	14.439	138	60091	28.627	ng/ul#	95
52) Acenaphthene	14.597	153	317468	33.078	ng/ul	98
53) 2,4-Dinitrophenol	14.644	184	51032m	36.861	ng/ul	
55) 4-Nitrophenol	14.756	109	81395	46.127	ng/ul#	82
56) Dibenzofuran	14.932	168	461129	32.342	ng/ul	95
57) 2,4-Dinitrotoluene	14.897	165	118942	36.284	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.161	232	377890	111.144	ng/ul#	98
59) Diethylphthalate	15.355	149	370161	31.530	ng/ul	99
61) Fluorene	15.584	166	371570	33.175	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.573	204	233515	35.543	ng/ul	97
63) 4-Nitroaniline	15.602	138	69473m	30.756	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.667	198	401811	178.134	ng/ul#	73
67) N-Nitrosodiphenylamine	15.790	169	358763	36.978	ng/ul	96
68) 4-Bromophenyl-phenylether	16.466	248	168340	38.670	ng/ul	97
69) Hexachlorobenzene	16.589	284	192202	38.670	ng/ul	95
70) Atrazine	16.748	200	145163	33.594	ng/ul	98
71) Pentachlorophenol	16.959	266	3028921	1018.840	ng/ul	93
72) Phenanthrene	17.323	178	700607	35.613	ng/ul	99
74) Anthracene	17.417	178	639998	31.911	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.328	216	203181	39.329	ng/ul	95
76) Pentachlorobenzene	14.856	250	218653	38.193	ng/ul	98
77) Carbazole	17.682	167	526394	31.650	ng/ul	96
78) Di-n-butylphthalate	18.240	149	621914	31.619	ng/ul	99
80) Fluoranthene	19.333	202	804663	30.445	ng/ul#	95
82) Pyrene	19.697	202	847205	29.778	ng/ul#	93
83) Butylbenzylphthalate	20.584	149	278596	32.987	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.424	252	208248	23.325	ng/ul	97
85) Benzo(a)anthracene	21.507	228	960645	32.570	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.419	149	418792	33.676	ng/ul	100
87) Chrysene	21.571	228	907987	32.449	ng/ul	99
89) Di-n-octyl phthalate	22.576	149	693804	30.757	ng/ul	100
90) Benzo(b)fluoranthene	23.622	252	981896	32.794	ng/ul#	99
91) Benzo(k)fluoranthene	23.687	252	981236	32.006	ng/ul#	97
93) Benzo(a)pyrene	24.450	252	919948	32.575	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	28.052	276	1253206	36.017	ng/ul#	96
95) Dibenzo(a,h)anthracene	28.105	278	1004621	35.945	ng/ul#	98
96) Benzo(g,h,i)perylene	29.133	276	958659	35.673	ng/ul#	93

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

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