Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091324\
Data File : BG062804.D
Acq On : 14 Sep 2024 9:49
Operator : JU/RC
Sample : PB163325BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SLCS325

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

Quant Time: Sep 14 23:21:43 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	7.900	152	53297	20.000	ng/ul	0.00
20) Naphthalene-d8	10.691	136	241167	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.527	164	199654	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.277	188	517815	20.000	ng/ul	0.00
79) Chrysene-d12	21.525	240	498832	20.000	ng/ul	0.00
88) Perylene-d12	24.586	264	555673	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.358	96	5996	5.086	ng/uL	0.00
4) Pyridine-d5	3.763	84	89798	23.926	ng/ul	0.00
7) Phenol-d5	7.065	99	120777	25.843	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.230	67	68314	24.381	ng/ul	0.00
11) 2-Chlorophenol-d4	7.436	132	90046	26.451	ng/ul	0.00
15) 4-Methylphenol-d8	8.605	113	101761	26.129	ng/ul	0.00
21) Nitrobenzene-d5	9.051	128	45249	26.252	ng/ul	0.00
24) 2-Nitrophenol-d4	9.774	143	55947	29.679	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.315	165	115761	28.198	ng/ul	0.00
31) 4-Chloroaniline-d4	10.826	131	125691	22.274	ng/ul	0.00
46) Dimethylphthalate-d6	13.934	166	386984	25.170	ng/ul	0.00
49) Acenaphthylene-d8	14.222	160	445849	26.111	ng/ul	0.00
54) 4-Nitrophenol-d4	14.733	143	63044	24.138	ng/ul	0.00
60) Fluorene-d10	15.520	176	366391	26.446	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.644	200	65871	22.115	ng/ul	0.00
73) Anthracene-d10	17.377	188	631955	25.860	ng/ul	0.00
81) Pyrene-d10	19.662	212	776948	27.678	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.375	264	761592	25.956	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.387	88	11923m	9.023	ng/uL	
5) Pyridine	3.781	79	92437	23.482	ng/ul	98
6) Benzaldehyde	7.042	77	58073m	22.601	ng/ul	
8) Phenol	7.095	94	124432	25.613	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.324	93	89998	24.506	ng/ul	99
12) 2-Chlorophenol	7.465	128	95403	27.409	ng/ul	94
13) 2-Methylphenol	8.340	108	94925	26.057	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.423	45	154503	23.373	ng/ul	97
16) Acetophenone	8.716	105	155567	24.577	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.705	70	80525	24.301	ng/ul#	95
18) 4-Methylphenol	8.669	108	105479	25.736	ng/ul	96
19) Hexachloroethane	8.981	117	37681	26.892	ng/ul	92
22) Nitrobenzene	9.098	77	118979	25.516	ng/ul	96
23) Isophorone	9.615	82	235397	24.692	ng/ul	98
25) 2-Nitrophenol	9.803	139	56137	27.019	ng/ul#	93
26) 2,4-Dimethylphenol	9.868	107	97352	21.928	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.097	93	131832	24.744	ng/ul	95
29) 2,4-Dichlorophenol	10.344	162	109546	27.093	ng/ul	95
30) Naphthalene	10.743	128	329773	25.503	ng/ul	98
32) 4-Chloroaniline	10.849	127	116255	20.715	ng/ul	97
33) Hexachlorobutadiene	11.031	225	93996	27.905	ng/ul	93
34) Caprolactam	11.607	113	37957m	25.471	ng/ul	
35) 4-Chloro-3-methylphenol	11.977	107	122574	27.790	ng/ul	99
36) 2-Methylnaphthalene	12.353	142	242549	25.415	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.571	142	252567	25.836	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.718	216	182386	26.572	ng/ul	97
40) Hexachlorocyclopentadiene	12.700	237	68144	19.403	ng/ul	98
41) 2,4,6-Trichlorophenol	12.959	196	99658	23.971	ng/ul	99
42) 2,4,5-Trichlorophenol	13.035	196	114481	25.647	ng/ul	92
43) 1,1'-Biphenyl	13.364	154	355516	25.322	ng/ul	99
44) 2-Chloronaphthalene	13.405	162	292520	25.622	ng/ul	99
45) 2-Nitroaniline	13.605	65	86246	27.530	ng/ul	99
47) Dimethylphthalate	13.981	163	397625	25.113	ng/ul	100
48) 2,6-Dinitrotoluene	14.104	165	77341	27.726	ng/ul	95
50) Acenaphthylene	14.251	152	479610	26.604	ng/ul	98
51) 3-Nitroaniline	14.427	138	76544	27.407	ng/ul#	94
52) Acenaphthene	14.592	153	320097	25.067	ng/ul	98
53) 2,4-Dinitrophenol	14.639	184	31284	16.984	ng/ul	91
55) 4-Nitrophenol	14.745	109	59365	25.286	ng/ul	93
56) Dibenzofuran	14.927	168	475624	25.073	ng/ul	97
57) 2,4-Dinitrotoluene	14.892	165	117742	26.997	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.156	232	97874	21.636	ng/ul#	99
59) Diethylphthalate	15.350	149	394785	25.274	ng/ul	100
61) Fluorene	15.579	166	384885	25.828	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.573	204	232265	26.571	ng/ul	97
63) 4-Nitroaniline	15.597	138	82471	27.441	ng/ul	90
66) 4,6-Dinitro-2-methylph...	15.655	198	68079	22.050	ng/ul	95
67) N-Nitrosodiphenylamine	15.785	169	344674	25.954	ng/ul	97
68) 4-Bromophenyl-phenylether	16.466	248	159184	26.715	ng/ul	95
69) Hexachlorobenzene	16.584	284	183206	26.929	ng/ul	99
70) Atrazine	16.731	200	3952	0.668	ng/ul#	92
71) Pentachlorophenol	16.930	266	57421	14.111	ng/ul	92
72) Phenanthrene	17.318	178	700114	26.000	ng/ul	99
74) Anthracene	17.406	178	701267	25.545	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.329	216	183962	26.015	ng/ul	99
76) Pentachlorobenzene	14.850	250	199576	25.469	ng/ul	99
77) Carbazole	17.677	167	590779	25.951	ng/ul	98
78) Di-n-butylphthalate	18.241	149	714196	26.528	ng/ul	99
80) Fluoranthene	19.333	202	864586	27.810	ng/ul	98
82) Pyrene	19.692	202	895301	26.753	ng/ul	99
83) Butylbenzylphthalate	20.585	149	308105	31.013	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.425	252	309812	29.500	ng/ul	99
85) Benzo(a)anthracene	21.507	228	931157	26.839	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.419	149	436221	29.820	ng/ul	98
87) Chrysene	21.566	228	869886	26.429	ng/ul	99
89) Di-n-octyl phthalate	22.577	149	763460	29.537	ng/ul	100
90) Benzo(b)fluoranthene	23.617	252	904604	26.367	ng/ul	99
91) Benzo(k)fluoranthene	23.681	252	924345	26.313	ng/ul	98
93) Benzo(a)pyrene	24.439	252	813797	25.149	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.041	276	1071544	26.876	ng/ul	97
95) Dibenzo(a,h)anthracene	28.094	278	879310	27.458	ng/ul	98
96) Benzo(g,h,i)perylene	29.116	276	842206	27.351	ng/ul	99

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

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