Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070824\
Data File : BG061948.D
Acq On : 8 Jul 2024 18:50
Operator : MA/JU
Sample : PB161727BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SLCS727

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 07/09/2024
Supervised By :mohammad ahmed 07/10/2024

Quant Time: Jul 08 23:14:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 02:38:46 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.097	152	42597	20.000	ng/ul		0.00
20) Naphthalene-d8	10.911	136	228013	20.000	ng/ul		0.00
38) Acenaphthene-d10	14.718	164	168113	20.000	ng/ul		0.00
64) Phenanthrene-d10	17.456	188	380250	20.000	ng/ul	#	0.00
79) Chrysene-d12	21.722	240	344903	20.000	ng/ul		0.00
88) Perylene-d12	24.965	264	420097	20.000	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.484	96	6946m	6.128	ng/uL		0.00
4) Pyridine-d5	3.901	84	83667	24.005	ng/ul		0.00
7) Phenol-d5	7.250	99	143227	30.724	ng/ul		0.00
9) Bis-(2-Chloroethyl)eth...	7.415	67	77570	26.276	ng/ul		0.00
11) 2-Chlorophenol-d4	7.627	132	101084	31.612	ng/ul		0.00
15) 4-Methylphenol-d8	8.796	113	108968	29.689	ng/ul		0.00
21) Nitrobenzene-d5	9.266	128	53536	30.872	ng/ul		0.00
24) 2-Nitrophenol-d4	9.983	143	66419	33.539	ng/ul		0.00
28) 2,4-Dichlorophenol-d3	10.529	165	127538	33.390	ng/ul		0.00
31) 4-Chloroaniline-d4	11.040	131	138469	24.969	ng/ul		0.00
46) Dimethylphthalate-d6	14.119	166	414897	30.019	ng/ul		0.00
49) Acenaphthylene-d8	14.413	160	449599	31.110	ng/ul		0.00
54) 4-Nitrophenol-d4	14.912	143	66525	30.140	ng/ul		0.00
60) Fluorene-d10	15.705	176	356410	30.632	ng/ul		0.00
65) 4,6-Dinitro-2-methylph...	15.823	200	73123	36.616	ng/ul		0.00
73) Anthracene-d10	17.556	188	558778	31.475	ng/ul		0.00
81) Pyrene-d10	19.836	212	625640	30.840	ng/ul		0.00
92) Benzo(a)pyrene-d12	24.742	264	671920	32.250	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.514	88	10527m	8.414	ng/uL		
5) Pyridine	3.919	79	87408	24.453	ng/ul		85
6) Benzaldehyde	7.233	77	69182	28.041	ng/ul		89
8) Phenol	7.274	94	145744	30.537	ng/ul	#	85
10) Bis(2-Chloroethyl)ether	7.509	93	98611	26.896	ng/ul		95
12) 2-Chlorophenol	7.656	128	101001	31.003	ng/ul	#	87
13) 2-Methylphenol	8.531	108	102638	30.130	ng/ul		98
14) 2,2'-oxybis(1-Chloropr...	8.614	45	203768	25.439	ng/ul		97
16) Acetophenone	8.919	105	177553	29.285	ng/ul		86
17) N-Nitroso-di-n-propyla...	8.901	70	93965	27.684	ng/ul		96
18) 4-Methylphenol	8.860	108	117158	30.711	ng/ul		98
19) Hexachloroethane	9.178	117	44740	31.658	ng/ul		89
22) Nitrobenzene	9.307	77	147911	30.048	ng/ul		98
23) Isophorone	9.824	82	289865	26.065	ng/ul	#	97
25) 2-Nitrophenol	10.012	139	64260	31.819	ng/ul		95
26) 2,4-Dimethylphenol	10.071	107	123705	25.594	ng/ul		98
27) Bis(2-Chloroethoxy)met...	10.306	93	156310	25.524	ng/ul		99
29) 2,4-Dichlorophenol	10.553	162	114360	31.873	ng/ul		97
30) Naphthalene	10.958	128	368009	29.382	ng/ul		94
32) 4-Chloroaniline	11.064	127	136520	25.089	ng/ul		100
33) Hexachlorobutadiene	11.228	225	85432	31.641	ng/ul		94
34) Caprolactam	11.827	113	43510m	30.951	ng/ul		
35) 4-Chloro-3-methylphenol	12.180	107	158053	33.075	ng/ul		89
36) 2-Methylnaphthalene	12.556	142	278211	30.661	ng/ul		100

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.773	142	277995	29.481	ng/ul	100
39)	1,2,4,5-Tetrachloroben...	12.914	216	160986	31.888	ng/ul	94
40)	Hexachlorocyclopentadiene	12.885	237	64713	19.256	ng/ul	96
41)	2,4,6-Trichlorophenol	13.155	196	100231	29.891	ng/ul	91
42)	2,4,5-Trichlorophenol	13.232	196	109839	29.819	ng/ul	87
43)	1,1'-Biphenyl	13.555	154	387424	29.910	ng/ul	98
44)	2-Chloronaphthalene	13.602	162	297271	30.579	ng/ul	96
45)	2-Nitroaniline	13.802	65	127721	32.808	ng/ul	99
47)	Dimethylphthalate	14.166	163	392060	29.492	ng/ul	99
48)	2,6-Dinitrotoluene	14.295	165	87524	34.705	ng/ul	94
50)	Acenaphthylene	14.442	152	471488	29.725	ng/ul	98
51)	3-Nitroaniline	14.624	138	77827	31.703	ng/ul	98
52)	Acenaphthene	14.783	153	328872	30.027	ng/ul	98
53)	2,4-Dinitrophenol	14.830	184	47292	35.893	ng/ul	85
55)	4-Nitrophenol	14.930	109	90913	36.089	ng/ul	96
56)	Dibenzofuran	15.118	168	474215	30.634	ng/ul	97
57)	2,4-Dinitrotoluene	15.077	165	130532	35.293	ng/ul#	86
58)	2,3,4,6-Tetrachlorophenol	15.335	232	92930	27.939	ng/ul#	98
59)	Diethylphthalate	15.523	149	417509	29.144	ng/ul	97
61)	Fluorene	15.764	166	392988	29.852	ng/ul	94
62)	4-Chlorophenyl-phenyle...	15.752	204	198401	30.004	ng/ul	94
63)	4-Nitroaniline	15.782	138	85807	34.448	ng/ul	89
66)	4,6-Dinitro-2-methylph...	15.840	198	77293	35.964	ng/ul#	95
67)	N-Nitrosodiphenylamine	15.964	169	326110	31.404	ng/ul	97
68)	4-Bromophenyl-phenylether	16.645	248	141414	32.781	ng/ul	90
69)	Hexachlorobenzene	16.757	284	161074	32.472	ng/ul	96
70)	Atrazine	16.904	200	35615	8.688	ng/ul	95
71)	Pentachlorophenol	17.104	266	74599	27.360	ng/ul	95
72)	Phenanthrene	17.503	178	630133	31.428	ng/ul	99
74)	Anthracene	17.591	178	622453	30.041	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.520	216	163419	34.603	ng/ul	98
76)	Pentachlorobenzene	15.030	250	181831	33.757	ng/ul	93
77)	Carbazole	17.862	167	559215	32.069	ng/ul	98
78)	Di-n-butylphthalate	18.408	149	688912	30.771	ng/ul	99
80)	Fluoranthene	19.501	202	722988	30.114	ng/ul#	97
82)	Pyrene	19.865	202	758018	30.565	ng/ul#	94
83)	Butylbenzylphthalate	20.741	149	309339	29.721	ng/ul	97
84)	3,3'-Dichlorobenzidine	21.610	252	271064	33.035	ng/ul	94
85)	Benzo(a)anthracene	21.698	228	770841	30.868	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.598	149	435741	29.176	ng/ul#	97
87)	Chrysene	21.769	228	730309	31.240	ng/ul	99
89)	Di-n-octyl phthalate	22.815	149	766852	29.879	ng/ul	100
90)	Benzo(b)fluoranthene	23.925	252	844189	31.895	ng/ul#	97
91)	Benzo(k)fluoranthene	24.001	252	795534	30.141	ng/ul#	96
93)	Benzo(a)pyrene	24.812	252	731186	29.174	ng/ul#	96
94)	Indeno(1,2,3-cd)pyrene	28.649	276	1041712m	32.525	ng/ul	
95)	Dibenzo(a,h)anthracene	28.725	278	855448	32.339	ng/ul	99
96)	Benzo(g,h,i)perylene	29.818	276	784426m	30.785	ng/ul	

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

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