Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091824\
Data File : BG062937.D
Acq On : 19 Sep 2024 10:13
Operator : JU/RC
Sample : PB163434BS
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Sep 19 10:54:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 18 00:45:18 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SLCS434

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/22/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.861	152	45524	20.000	ng/ul	0.00
20) Naphthalene-d8	10.646	136	198522	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.488	164	153031	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.238	188	364264	20.000	ng/ul	0.00
79) Chrysene-d12	21.492	240	369515	20.000	ng/ul	# 0.00
88) Perylene-d12	24.535	264	422940	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.331	96	7702	4.955	ng/uL	0.00
4) Pyridine-d5	3.736	84	102205	24.222	ng/ul	0.00
7) Phenol-d5	7.032	99	127823	27.059	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.191	67	68583	25.944	ng/ul	0.00
11) 2-Chlorophenol-d4	7.391	132	84636	27.290	ng/ul	0.00
15) 4-Methylphenol-d8	8.566	113	94706	27.368	ng/ul	0.00
21) Nitrobenzene-d5	9.006	128	41575	26.287	ng/ul	0.00
24) 2-Nitrophenol-d4	9.729	143	51110	28.485	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.269	165	100991	27.129	ng/ul	0.00
31) 4-Chloroaniline-d4	10.781	131	108718	23.467	ng/ul	0.00
46) Dimethylphthalate-d6	13.895	166	314111	27.602	ng/ul	0.00
49) Acenaphthylene-d8	14.183	160	332964	26.197	ng/ul	0.00
54) 4-Nitrophenol-d4	14.700	143	49033	26.888	ng/ul	0.00
60) Fluorene-d10	15.487	176	292301	27.586	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.610	200	69577	31.598	ng/ul	0.00
73) Anthracene-d10	17.338	188	447089	25.970	ng/ul	0.00
81) Pyrene-d10	19.635	212	608646	27.195	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.329	264	614158	27.535	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.366	88	15726	10.224	ng/uL#	87
5) Pyridine	3.754	79	114472	27.244	ng/ul	92
6) Benzaldehyde	6.997	77	64860	25.087	ng/ul	93
8) Phenol	7.056	94	137714	27.946	ng/ul#	88
10) Bis(2-Chloroethyl)ether	7.279	93	90557	27.180	ng/ul	87
12) 2-Chlorophenol	7.426	128	84574	26.567	ng/ul	91
13) 2-Methylphenol	8.301	108	92509	27.140	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.378	45	100773	24.378	ng/ul	97
16) Acetophenone	8.671	105	152523	28.020	ng/ul#	94
17) N-Nitroso-di-n-propyla...	8.665	70	83335	26.218	ng/ul	97
18) 4-Methylphenol	8.630	108	100183	26.856	ng/ul	96
19) Hexachloroethane	8.936	117	36159	26.736	ng/ul	85
22) Nitrobenzene	9.053	77	132605	28.241	ng/ul#	96
23) Isophorone	9.576	82	244857	26.186	ng/ul	98
25) 2-Nitrophenol	9.758	139	54032	27.424	ng/ul#	76
26) 2,4-Dimethylphenol	9.823	107	91396	20.704	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.052	93	129663	26.084	ng/ul	94
29) 2,4-Dichlorophenol	10.293	162	100136	27.172	ng/ul	97
30) Naphthalene	10.698	128	291667	26.460	ng/ul	95
32) 4-Chloroaniline	10.804	127	97121	21.532	ng/ul	96
33) Hexachlorobutadiene	10.980	225	87497	29.705	ng/ul	93
34) Caprolactam	11.556	113	31193m	25.426	ng/ul	
35) 4-Chloro-3-methylphenol	11.932	107	113550	26.809	ng/ul	94
36) 2-Methylnaphthalene	12.308	142	204018	25.684	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.526	142	205104	25.514	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.678	216	155651	28.699	ng/ul	89
40) Hexachlorocyclopentadiene	12.655	237	71736	24.932	ng/ul	90
41) 2,4,6-Trichlorophenol	12.919	196	80709	23.882	ng/ul	94
42) 2,4,5-Trichlorophenol	12.996	196	94388	26.585	ng/ul	90
43) 1,1'-Biphenyl	13.319	154	302006	26.567	ng/ul#	94
44) 2-Chloronaphthalene	13.360	162	242776	26.574	ng/ul	95
45) 2-Nitroaniline	13.566	65	92921	30.084	ng/ul	91
47) Dimethylphthalate	13.942	163	321821	27.641	ng/ul	99
48) 2,6-Dinitrotoluene	14.065	165	68833	30.983	ng/ul	91
50) Acenaphthylene	14.212	152	367903	27.494	ng/ul	98
51) 3-Nitroaniline	14.394	138	54991	27.601	ng/ul#	75
52) Acenaphthene	14.553	153	247450	25.460	ng/ul	97
53) 2,4-Dinitrophenol	14.606	184	37405	28.189	ng/ul	93
55) 4-Nitrophenol	14.711	109	67797	32.922	ng/ul#	82
56) Dibenzofuran	14.888	168	387139	26.859	ng/ul	97
57) 2,4-Dinitrotoluene	14.852	165	96391	28.787	ng/ul#	89
58) 2,3,4,6-Tetrachlorophenol	15.123	232	74797	23.411	ng/ul#	90
59) Diethylphthalate	15.317	149	319181	24.638	ng/ul	99
61) Fluorene	15.540	166	300399	27.238	ng/ul	90
62) 4-Chlorophenyl-phenyle...	15.534	204	172216	28.299	ng/ul	96
63) 4-Nitroaniline	15.563	138	62524	31.269	ng/ul	86
66) 4,6-Dinitro-2-methylph...	15.622	198	71825	30.492	ng/ul#	91
67) N-Nitrosodiphenylamine	15.751	169	280385	27.409	ng/ul	98
68) 4-Bromophenyl-phenylether	16.427	248	121990	30.123	ng/ul	98
69) Hexachlorobenzene	16.550	284	143970	30.791	ng/ul	90
70) Atrazine	16.697	200	2110	0.497	ng/ul#	76
71) Pentachlorophenol	16.891	266	54074	20.281	ng/ul	90
72) Phenanthrene	17.285	178	523559	27.056	ng/ul	99
74) Anthracene	17.373	178	518676	25.957	ng/ul	96
75) 1,2,3,4-Tetrachloroben...	13.284	216	152708	27.491	ng/ul	93
76) Pentachlorobenzene	14.811	250	164282	28.022	ng/ul	95
77) Carbazole	17.643	167	432324	27.176	ng/ul	98
78) Di-n-butylphthalate	18.207	149	527370	25.775	ng/ul#	95
80) Fluoranthene	19.300	202	659143	26.988	ng/ul#	94
82) Pyrene	19.664	202	690849	26.532	ng/ul#	95
83) Butylbenzylphthalate	20.557	149	234752	25.941	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.392	252	231325	27.912	ng/ul	93
85) Benzo(a)anthracene	21.474	228	705337	26.944	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.392	149	331602	25.362	ng/ul#	97
87) Chrysene	21.539	228	678458	27.701	ng/ul	99
89) Di-n-octyl phthalate	22.543	149	584088	26.076	ng/ul	100
90) Benzo(b)fluoranthene	23.572	252	743947	28.893	ng/ul	96
91) Benzo(k)fluoranthene	23.636	252	723261	28.194	ng/ul	99
93) Benzo(a)pyrene	24.394	252	659030	27.226	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	27.972	276	849753	28.649	ng/ul#	91
95) Dibenzo(a,h)anthracene	28.019	278	702537	29.630	ng/ul#	96
96) Benzo(g,h,i)perylene	29.030	276	669983	29.419	ng/ul	98

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

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