Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092524\
Data File : BG063026.D
Acq On : 25 Sep 2024 10:00
Operator : RC/JU
Sample : SSTD01065
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 25 12:54:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 25 12:42:25 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD010404

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 09/26/2024
Supervised By :mohammad ahmed 09/27/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.852	152	61101	20.000	ng/ul	0.00
20) Naphthalene-d8	10.637	136	237944	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.485	164	223521	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.235	188	657646	20.000	ng/ul	0.00
79) Chrysene-d12	21.483	240	749514	20.000	ng/ul	0.00
88) Perylene-d12	24.521	264	841082	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.316	96	4651	3.583	ng/uL	0.00
4) Pyridine-d5	3.722	84	25655	6.275	ng/ul	0.00
7) Phenol-d5	7.024	99	38688	7.642	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.182	67	14724	5.131	ng/ul	0.00
11) 2-Chlorophenol-d4	7.382	132	38931	10.063	ng/ul	0.00
15) 4-Methylphenol-d8	8.557	113	33133	7.740	ng/ul	0.00
21) Nitrobenzene-d5	9.004	128	17644	10.448	ng/ul	0.00
24) 2-Nitrophenol-d4	9.720	143	24243	12.601	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.267	165	48580	11.761	ng/ul	0.00
31) 4-Chloroaniline-d4	10.778	131	60237	10.859	ng/ul	0.00
46) Dimethylphthalate-d6	13.886	166	189499	10.993	ng/ul	0.00
49) Acenaphthylene-d8	14.180	160	206004	10.914	ng/ul	0.00
54) 4-Nitrophenol-d4	14.685	143	26950m	9.257	ng/ul	0.00
60) Fluorene-d10	15.478	176	178263	11.448	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.602	200	43361	10.958	ng/ul	0.00
73) Anthracene-d10	17.329	188	354091m	11.474	ng/ul	0.00
81) Pyrene-d10	19.627	212	480445	11.523	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.315	264	497475	11.227	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.357	88	5542	3.722	ng/uL#	72
5) Pyridine	3.745	79	26714	6.383	ng/ul	89
6) Benzaldehyde	6.988	77	21004	7.982	ng/ul	94
8) Phenol	7.047	94	38277	7.283	ng/ul#	93
10) Bis(2-Chloroethyl)ether	7.276	93	23128	6.026	ng/ul#	82
12) 2-Chlorophenol	7.417	128	37334	9.583	ng/ul	95
13) 2-Methylphenol	8.293	108	34241	8.542	ng/ul	88
14) 2,2'-oxybis(1-Chloropr...	8.369	45	18933	2.941	ng/ul#	86
16) Acetophenone	8.669	105	55133	8.074	ng/ul#	81
17) N-Nitroso-di-n-propyla...	8.651	70	20303	5.883	ng/ul#	79
18) 4-Methylphenol	8.622	108	37611	8.335	ng/ul	83
19) Hexachloroethane	8.927	117	14172	9.032	ng/ul	93
22) Nitrobenzene	9.045	77	37358	8.688	ng/ul#	88
23) Isophorone	9.562	82	67759	7.758	ng/ul#	94
25) 2-Nitrophenol	9.750	139	23823	11.531	ng/ul	97
26) 2,4-Dimethylphenol	9.814	107	44887	10.412	ng/ul	92
27) Bis(2-Chloroethoxy)met...	10.050	93	37605	7.793	ng/ul#	89
29) 2,4-Dichlorophenol	10.296	162	46027	11.362	ng/ul	98
30) Naphthalene	10.690	128	131219	10.503	ng/ul	95
32) 4-Chloroaniline	10.796	127	57446	10.636	ng/ul	92
33) Hexachlorobutadiene	10.978	225	46693	13.425	ng/ul	92
34) Caprolactam	11.542	113	13468m	9.342	ng/ul	
35) 4-Chloro-3-methylphenol	11.924	107	42084	9.821	ng/ul#	92
36) 2-Methylnaphthalene	12.300	142	106515	11.301	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.517	142	107029	11.142	ng/ul#	90
39) 1,2,4,5-Tetrachloroben...	12.670	216	90607	11.617	ng/ul#	95
40) Hexachlorocyclopentadiene	12.652	237	41376	10.321	ng/ul	96
41) 2,4,6-Trichlorophenol	12.911	196	53348	11.388	ng/ul#	96
42) 2,4,5-Trichlorophenol	12.987	196	55363	10.965	ng/ul	90
43) 1,1'-Biphenyl	13.316	154	161041	10.456	ng/ul#	96
44) 2-Chloronaphthalene	13.357	162	124185	9.911	ng/ul#	93
45) 2-Nitroaniline	13.557	65	21417	6.622	ng/ul	89
47) Dimethylphthalate	13.939	163	186180	10.609	ng/ul	98
48) 2,6-Dinitrotoluene	14.057	165	36445	11.553	ng/ul#	90
50) Acenaphthylene	14.203	152	203990	10.320	ng/ul	98
51) 3-Nitroaniline	14.391	138	31966	10.315	ng/ul#	94
52) Acenaphthene	14.550	153	140306	10.010	ng/ul	95
53) 2,4-Dinitrophenol	14.597	184	18532	8.468	ng/ul#	89
55) 4-Nitrophenol	14.709	109	32931	11.865	ng/ul	95
56) Dibenzofuran	14.885	168	231176	11.003	ng/ul	97
57) 2,4-Dinitrotoluene	14.850	165	60801	12.215	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	15.114	232	62993	12.125	ng/ul#	97
59) Diethylphthalate	15.302	149	185880	10.722	ng/ul	98
61) Fluorene	15.537	166	188002	11.272	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.525	204	119499	12.071	ng/ul	99
63) 4-Nitroaniline	15.549	138	35463	10.544	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.614	198	46949	11.488	ng/ul	96
67) N-Nitrosodiphenylamine	15.743	169	172973	10.475	ng/ul	95
68) 4-Bromophenyl-phenylether	16.424	248	84488	11.087	ng/ul	97
69) Hexachlorobenzene	16.542	284	97605	11.320	ng/ul	97
70) Atrazine	16.689	200	90876	11.905	ng/ul	93
71) Pentachlorophenol	16.889	266	50535	9.692	ng/ul	87
72) Phenanthrene	17.276	178	374839	11.074	ng/ul	97
74) Anthracene	17.364	178	382925	11.083	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.281	216	94813	10.642	ng/ul	92
76) Pentachlorobenzene	14.803	250	106045	10.776	ng/ul	91
77) Carbazole	17.635	167	318801	11.138	ng/ul	96
78) Di-n-butylphthalate	18.205	149	334704	10.048	ng/ul	99
80) Fluoranthene	19.292	202	554158	11.977	ng/ul	99
82) Pyrene	19.656	202	575459	11.621	ng/ul#	98
83) Butylbenzylphthalate	20.555	149	152348	10.471	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.389	252	205109	12.896	ng/ul	97
85) Benzo(a)anthracene	21.466	228	583522	11.294	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.383	149	218776	10.290	ng/ul#	96
87) Chrysene	21.530	228	552533	11.302	ng/ul	99
89) Di-n-octyl phthalate	22.535	149	349517	9.262	ng/ul	100
90) Benzo(b)fluoranthene	23.563	252	578911	11.217	ng/ul	99
91) Benzo(k)fluoranthene	23.622	252	578841	10.962	ng/ul	99
93) Benzo(a)pyrene	24.380	252	524687	10.778	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.934	276	643187	10.747	ng/ul	98
95) Dibenzo(a,h)anthracene	27.999	278	517972	10.784	ng/ul	98
96) Benzo(g,h,i)perylene	29.004	276	485101	10.532	ng/ul	98

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

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