Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092524\
Data File : BG063031.D
Acq On : 25 Sep 2024 13:23
Operator : RC/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 25 15:18:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 25 13:16:45 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SICV409

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	7.847	152	61585	20.000	ng/ul		0.00
20) Naphthalene-d8	10.638	136	273255	20.000	ng/ul		0.00
38) Acenaphthene-d10	14.486	164	266804	20.000	ng/ul		0.00
64) Phenanthrene-d10	17.236	188	773155	20.000	ng/ul	#	0.00
79) Chrysene-d12	21.490	240	840939	20.000	ng/ul		0.00
88) Perylene-d12	24.522	264	963612	20.000	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.317	96	7409	6.935	ng/uL		0.00
4) Pyridine-d5	3.717	84	58658	22.456	ng/ul		0.00
7) Phenol-d5	7.019	99	80410	21.139	ng/ul		0.00
9) Bis-(2-Chloroethyl)eth...	7.177	67	37529	25.255	ng/ul		0.00
11) 2-Chlorophenol-d4	7.383	132	78549	21.017	ng/ul		0.00
15) 4-Methylphenol-d8	8.558	113	81623	23.770	ng/ul		0.00
21) Nitrobenzene-d5	9.004	128	41591	20.699	ng/ul		0.00
24) 2-Nitrophenol-d4	9.721	143	54986	21.427	ng/ul		0.00
28) 2,4-Dichlorophenol-d3	10.262	165	119091	22.235	ng/ul		0.00
31) 4-Chloroaniline-d4	10.773	131	140342	22.331	ng/ul		0.00
46) Dimethylphthalate-d6	13.893	166	464417	21.893	ng/ul		0.00
49) Acenaphthylene-d8	14.175	160	501407	22.304	ng/ul		0.00
54) 4-Nitrophenol-d4	14.692	143	73629	23.013	ng/ul		0.00
60) Fluorene-d10	15.479	176	416864	21.447	ng/ul		0.00
65) 4,6-Dinitro-2-methylph...	15.603	200	115016	21.287	ng/ul		0.00
73) Anthracene-d10	17.330	188	797083	21.488	ng/ul		0.00
81) Pyrene-d10	19.627	212	1084143	22.896	ng/ul		0.00
92) Benzo(a)pyrene-d12	24.316	264	1085889	21.040	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.346	88	7340	5.820	ng/uL		91
5) Pyridine	3.740	79	46785	18.195	ng/ul	#	85
6) Benzaldehyde	6.989	77	34859	19.732	ng/ul	#	88
8) Phenol	7.048	94	80374	20.999	ng/ul	#	86
10) Bis(2-Chloroethyl)ether	7.271	93	53367	22.408	ng/ul		97
12) 2-Chlorophenol	7.412	128	76770	21.158	ng/ul		98
13) 2-Methylphenol	8.294	108	77321	22.981	ng/ul		90
14) 2,2'-oxybis(1-Chloropr...	8.364	45	42541	23.447	ng/ul		92
16) Acetophenone	8.664	105	124417	23.299	ng/ul		90
17) N-Nitroso-di-n-propyla...	8.646	70	51777	23.711	ng/ul	#	91
18) 4-Methylphenol	8.617	108	85671	23.244	ng/ul		94
19) Hexachloroethane	8.928	117	30219	21.045	ng/ul		97
22) Nitrobenzene	9.046	77	79551	20.971	ng/ul		94
23) Isophorone	9.563	82	158033	21.574	ng/ul		97
25) 2-Nitrophenol	9.757	139	55198	21.023	ng/ul	#	93
26) 2,4-Dimethylphenol	9.815	107	85801	18.158	ng/ul		88
27) Bis(2-Chloroethoxy)met...	10.044	93	82568	21.566	ng/ul	#	96
29) 2,4-Dichlorophenol	10.285	162	112319	21.913	ng/ul	#	96
30) Naphthalene	10.685	128	299146	21.538	ng/ul		99
32) 4-Chloroaniline	10.796	127	129596	22.425	ng/ul		94
33) Hexachlorobutadiene	10.979	225	103069	20.679	ng/ul		91
34) Caprolactam	11.549	113	35484m	24.751	ng/ul		
35) 4-Chloro-3-methylphenol	11.925	107	102153	22.679	ng/ul		93
36) 2-Methylnaphthalene	12.301	142	256530	22.769	ng/ul		94

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37) 1-Methylnaphthalene	12.518	142	244058	21.431	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.671	216	213063	20.557	ng/ul	95
40) Hexachlorocyclopentadiene	12.653	237	100754	17.106	ng/ul	93
41) 2,4,6-Trichlorophenol	12.912	196	130311	21.856	ng/ul	96
42) 2,4,5-Trichlorophenol	12.988	196	143796m	21.945	ng/ul	
43) 1,1'-Biphenyl	13.317	154	384400	21.760	ng/ul	99
44) 2-Chloronaphthalene	13.358	162	300480	21.124	ng/ul	97
45) 2-Nitroaniline	13.564	65	58441	22.828	ng/ul	87
47) Dimethylphthalate	13.940	163	442666	21.759	ng/ul	98
48) 2,6-Dinitrotoluene	14.057	165	93574	22.337	ng/ul#	96
50) Acenaphthylene	14.204	152	498260	22.117	ng/ul	98
51) 3-Nitroaniline	14.386	138	95193	26.925	ng/ul#	88
52) Acenaphthene	14.551	153	342871	21.851	ng/ul	97
53) 2,4-Dinitrophenol	14.598	184	63119	21.313	ng/ul	90
55) 4-Nitrophenol	14.704	109	81148	20.953	ng/ul	95
56) Dibenzofuran	14.886	168	557230	22.194	ng/ul	97
57) 2,4-Dinitrotoluene	14.851	165	147052	22.033	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.115	232	162213	23.169	ng/ul	93
59) Diethylphthalate	15.309	149	435323	21.629	ng/ul	98
61) Fluorene	15.538	166	454935	21.987	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.532	204	283827	21.830	ng/ul	96
63) 4-Nitroaniline	15.556	138	98425	25.672	ng/ul	88
66) 4,6-Dinitro-2-methylph...	15.614	198	120856	21.096	ng/ul	98
67) N-Nitrosodiphenylamine	15.744	169	417025	21.636	ng/ul	97
68) 4-Bromophenyl-phenylether	16.425	248	203613	21.459	ng/ul	96
69) Hexachlorobenzene	16.543	284	221790	20.979	ng/ul	98
70) Atrazine	16.695	200	209790	22.136	ng/ul	98
71) Pentachlorophenol	16.889	266	130193	19.791	ng/ul	90
72) Phenanthrene	17.277	178	841354	21.110	ng/ul	100
74) Anthracene	17.371	178	868233	21.184	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.282	216	211143	19.138	ng/ul	92
76) Pentachlorobenzene	14.809	250	248921	20.708	ng/ul	95
77) Carbazole	17.641	167	731433	22.301	ng/ul	98
78) Di-n-butylphthalate	18.200	149	767701	21.553	ng/ul	99
80) Fluoranthene	19.298	202	1189429	22.410	ng/ul	99
82) Pyrene	19.657	202	1236934	22.249	ng/ul	100
83) Butylbenzylphthalate	20.556	149	332944	21.697	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.390	252	476587	23.978	ng/ul	99
85) Benzo(a)anthracene	21.466	228	1232229	21.097	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.390	149	460238	20.974	ng/ul	96
87) Chrysene	21.531	228	1150639	21.223	ng/ul	100
89) Di-n-octyl phthalate	22.536	149	799840	21.891	ng/ul	100
90) Benzo(b)fluoranthene	23.564	252	1247118m	20.811	ng/ul	
91) Benzo(k)fluoranthene	23.628	252	1208957	20.308	ng/ul#	99
93) Benzo(a)pyrene	24.386	252	1155697	21.071	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	27.947	276	1449092	21.460	ng/ul	94
95) Dibenzo(a,h)anthracene	28.006	278	1185627	21.546	ng/ul	99
96) Benzo(g,h,i)perylene	29.022	276	1082309m	21.163	ng/ul	

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

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