Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052124\
Data File : BG061250.D
Acq On : 21 May 2024 11:12
Operator : MA/JU
Sample : SSTD01086
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 21 12:41:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 21 12:33:19 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD010414

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.888	152	19676	20.000	ng/ul	0.00
20) Naphthalene-d8	10.685	136	88863	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.521	164	80794	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.271	188	213125	20.000	ng/ul	0.00
79) Chrysene-d12	21.519	240	214852	20.000	ng/ul	0.00
88) Perylene-d12	24.604	264	235246	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.346	96	1299	3.888	ng/uL	0.00
4) Pyridine-d5	3.746	84	13318	11.553	ng/ul	0.00
7) Phenol-d5	7.065	99	14802	9.553	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.218	67	9968	10.266	ng/ul	0.00
11) 2-Chlorophenol-d4	7.424	132	11149	9.729	ng/ul	0.00
15) 4-Methylphenol-d8	8.605	113	12903	9.587	ng/ul	0.00
21) Nitrobenzene-d5	9.045	128	6783	10.041	ng/ul	0.00
24) 2-Nitrophenol-d4	9.768	143	7663	9.399	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.309	165	15285	9.389	ng/ul	0.00
31) 4-Chloroaniline-d4	10.814	131	20821	10.242	ng/ul	0.00
46) Dimethylphthalate-d6	13.928	166	65150	10.917	ng/ul	0.00
49) Acenaphthylene-d8	14.216	160	66637	10.221	ng/ul	0.00
54) 4-Nitrophenol-d4	14.751	143	6821	9.907	ng/ul	0.00
60) Fluorene-d10	15.514	176	55891	10.506	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.650	200	11047	8.873	ng/ul	0.00
73) Anthracene-d10	17.365	188	93442	9.845	ng/ul	0.00
81) Pyrene-d10	19.657	212	111538	9.866	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.386	264	112418	10.004	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.376	88	1640	4.333	ng/uL#	92
5) Pyridine	3.763	79	12601	10.627	ng/ul	87
6) Benzaldehyde	7.024	77	9219	11.387	ng/ul	89
8) Phenol	7.095	94	15055	9.535	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.306	93	11774	9.900	ng/ul	92
12) 2-Chlorophenol	7.459	128	12266	9.946	ng/ul	97
13) 2-Methylphenol	8.340	108	12077	9.851	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.417	45	32495	10.463	ng/ul#	96
16) Acetophenone	8.705	105	24247	10.912	ng/ul	94
17) N-Nitroso-di-n-propyla...	8.687	70	13455	11.189	ng/ul	92
18) 4-Methylphenol	8.669	108	13296	9.686	ng/ul	89
19) Hexachloroethane	8.963	117	5877	10.741	ng/ul	85
22) Nitrobenzene	9.087	77	18411	10.114	ng/ul	94
23) Isophorone	9.610	82	38272	10.476	ng/ul	96
25) 2-Nitrophenol	9.798	139	8745	10.352	ng/ul	94
26) 2,4-Dimethylphenol	9.862	107	16758	9.652	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.085	93	19100	10.077	ng/ul	96
29) 2,4-Dichlorophenol	10.344	162	14107	9.496	ng/ul	91
30) Naphthalene	10.732	128	47113	10.004	ng/ul	97
32) 4-Chloroaniline	10.838	127	21155	10.706	ng/ul	98
33) Hexachlorobutadiene	11.020	225	13596	9.116	ng/ul	93
34) Caprolactam	11.601	113	5909	11.879	ng/ul	96
35) 4-Chloro-3-methylphenol	11.983	107	18295	10.306	ng/ul	97
36) 2-Methylnaphthalene	12.342	142	33325	9.874	ng/ul	98

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Quant Title : SVOA CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.559	142	35203	10.348	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.712	216	26294	9.295	ng/ul	95
40) Hexachlorocyclopentadiene	12.694	237	5077	4.358	ng/ul#	79
41) 2,4,6-Trichlorophenol	12.959	196	14263	9.255	ng/ul	98
42) 2,4,5-Trichlorophenol	13.041	196	14927	9.149	ng/ul	95
43) 1,1'-Biphenyl	13.352	154	53030	9.964	ng/ul	99
44) 2-Chloronaphthalene	13.393	162	41227	9.728	ng/ul	94
45) 2-Nitroaniline	13.599	65	17281	10.335	ng/ul	96
47) Dimethylphthalate	13.975	163	67313	10.873	ng/ul	96
48) 2,6-Dinitrotoluene	14.098	165	12783	10.361	ng/ul	92
50) Acenaphthylene	14.239	152	72845	10.174	ng/ul	99
51) 3-Nitroaniline	14.422	138	11610	10.826	ng/ul#	90
52) Acenaphthene	14.586	153	47310	9.840	ng/ul	93
53) 2,4-Dinitrophenol	14.657	184	4807	7.978	ng/ul	92
55) 4-Nitrophenol	14.762	109	7583	9.046	ng/ul	97
56) Dibenzofuran	14.921	168	68859	10.319	ng/ul	97
57) 2,4-Dinitrotoluene	14.892	165	19498	10.613	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.156	232	13878	10.031	ng/ul#	94
59) Diethylphthalate	15.338	149	67106	11.091	ng/ul	98
61) Fluorene	15.567	166	60629	10.661	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.561	204	34386	10.113	ng/ul	91
63) 4-Nitroaniline	15.591	138	11846	10.993	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.661	198	12152	9.301	ng/ul#	94
67) N-Nitrosodiphenylamine	15.779	169	54431	9.994	ng/ul	98
68) 4-Bromophenyl-phenylether	16.454	248	25900	9.969	ng/ul	93
69) Hexachlorobenzene	16.578	284	27679	9.528	ng/ul	98
70) Atrazine	16.725	200	23825	11.248	ng/ul	97
71) Pentachlorophenol	16.936	266	6233m	7.020	ng/ul	
72) Phenanthrene	17.312	178	103895	10.104	ng/ul	95
74) Anthracene	17.400	178	108046	10.150	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.323	216	27495	8.847	ng/uL	99
76) Pentachlorobenzene	14.845	250	30552	9.234	ng/uL	100
77) Carbazole	17.671	167	87866	10.203	ng/ul	99
78) Di-n-butylphthalate	18.235	149	109506	10.332	ng/ul	97
80) Fluoranthene	19.322	202	134153	9.840	ng/ul	98
82) Pyrene	19.686	202	142830	10.258	ng/ul	99
83) Butylbenzylphthalate	20.579	149	46053	9.653	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.419	252	48795	10.744	ng/ul	98
85) Benzo(a)anthracene	21.501	228	148970	10.062	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.413	149	68928	10.079	ng/ul	97
87) Chrysene	21.560	228	137085	10.043	ng/ul	97
89) Di-n-octyl phthalate	22.577	149	119913	10.316	ng/ul	100
90) Benzo(b)fluoranthene	23.623	252	143593	10.207	ng/ul	98
91) Benzo(k)fluoranthene	23.693	252	140053	9.957	ng/ul	99
93) Benzo(a)pyrene	24.457	252	134277	10.057	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.100	276	161816	10.174	ng/ul	99
95) Dibenzo(a,h)anthracene	28.141	278	132941	10.023	ng/ul	99
96) Benzo(g,h,i)perylene	29.192	276	127675	10.016	ng/ul	99

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

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