Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122422\
Data File : BG056091.D
Acq On : 24 Dec 2022 15:45
Operator : CG/JU
Sample : SSTD02043
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020444

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022

Quant Time: Dec 24 21:48:47 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG122422.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 24 18:26:52 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.347	152	34971	20.000	ng/ul	0.00
20) Naphthalene-d8	11.179	136	132133	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.951	164	120461	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.689	188	334679	20.000	ng/ul	0.00
79) Chrysene-d12	21.990	240	358737	20.000	ng/ul	0.00
88) Perylene-d12	25.468	264	391413	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.653	96	7205m	8.624	ng/uL	0.00
4) Pyridine-d5	4.087	84	49739	18.260	ng/ul	0.00
7) Phenol-d5	7.478	99	57357	18.081	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.654	67	23882	19.101	ng/ul	0.00
11) 2-Chlorophenol-d4	7.871	132	37481	19.991	ng/ul	0.00
15) 4-Methylphenol-d8	9.035	113	43509	18.224	ng/ul	0.00
21) Nitrobenzene-d5	9.522	128	19316	20.071	ng/ul	0.00
24) 2-Nitrophenol-d4	10.245	143	24425	19.425	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.785	165	53897	19.290	ng/ul	0.00
31) 4-Chloroaniline-d4	11.302	131	61332	19.407	ng/ul	0.00
46) Dimethylphthalate-d6	14.346	166	184591	19.799	ng/ul	0.00
49) Acenaphthylene-d8	14.651	160	201395	19.128	ng/ul	0.00
54) 4-Nitrophenol-d4	15.116	143	26859	19.138	ng/ul	0.00
60) Fluorene-d10	15.938	176	176127	19.139	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.044	200	39223	18.231	ng/ul	0.00
73) Anthracene-d10	17.789	188	303657	19.634	ng/ul	0.00
81) Pyrene-d10	20.051	212	385945	19.480	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.221	264	385699	19.387	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.688	88	7679m	8.542	ng/uL	
5) Pyridine	4.111	79	48197	18.356	ng/ul	100
6) Benzaldehyde	7.472	77	23967	20.580	ng/ul	100
8) Phenol	7.501	94	59183	18.746	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.748	93	40226	19.357	ng/ul	100
12) 2-Chlorophenol	7.906	128	37138	19.721	ng/ul	100
13) 2-Methylphenol	8.776	108	44037	18.578	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.864	45	4801m	17.987	ng/ul	
16) Acetophenone	9.170	105	75705	19.144	ng/ul	100
17) N-Nitroso-di-n-propyla...	9.146	70	32264	19.297	ng/ul	100
18) 4-Methylphenol	9.105	108	48119	18.741	ng/ul	100
19) Hexachloroethane	9.446	117	14423	19.049	ng/ul	100
22) Nitrobenzene	9.563	77	46402	19.431	ng/ul	100
23) Isophorone	10.080	82	105392	19.303	ng/ul	100
25) 2-Nitrophenol	10.280	139	22178	18.272	ng/ul	100
26) 2,4-Dimethylphenol	10.321	107	56513	19.677	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.556	93	53807	19.016	ng/ul	100
29) 2,4-Dichlorophenol	10.815	162	51906	19.450	ng/ul	100
30) Naphthalene	11.232	128	132668	19.270	ng/ul	100
32) 4-Chloroaniline	11.326	127	61705	19.375	ng/ul	100
33) Hexachlorobutadiene	11.508	225	47629	19.045	ng/ul	100
34) Caprolactam	12.078	113	16034m	19.866	ng/ul	
35) 4-Chloro-3-methylphenol	12.419	107	48601	18.957	ng/ul	100
36) 2-Methylnaphthalene	12.807	142	106412	19.278	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.024	142	107921	19.408	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	13.165	216	96477	19.420	ng/ul	100
40) Hexachlorocyclopentadiene	13.147	237	57779	17.937	ng/ul	100
41) 2,4,6-Trichlorophenol	13.394	196	57354	19.587	ng/ul	100
42) 2,4,5-Trichlorophenol	13.465	196	59962	18.887	ng/ul	100
43) 1,1'-Biphenyl	13.794	154	165955	19.487	ng/ul	100
44) 2-Chloronaphthalene	13.847	162	138161	19.573	ng/ul	100
45) 2-Nitroaniline	14.035	65	16738	17.075	ng/ul	100
47) Dimethylphthalate	14.393	163	183563	19.855	ng/ul	100
48) 2,6-Dinitrotoluene	14.516	165	35464	19.434	ng/ul	100
50) Acenaphthylene	14.681	152	204753	19.568	ng/ul	100
51) 3-Nitroaniline	14.845	138	25084	18.300	ng/ul	100
52) Acenaphthene	15.022	153	143334	19.500	ng/ul	100
53) 2,4-Dinitrophenol	15.045	184	26468	18.635	ng/ul	100
55) 4-Nitrophenol	15.127	109	24936	18.263	ng/ul	100
56) Dibenzofuran	15.351	168	221593	19.260	ng/ul	100
57) 2,4-Dinitrotoluene	15.298	165	47568	18.798	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.568	232	61163	19.489	ng/ul	100
59) Diethylphthalate	15.744	149	164275	19.889	ng/ul	100
61) Fluorene	15.997	166	183130	19.377	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.979	204	119052	19.390	ng/ul	100
63) 4-Nitroaniline	16.003	138	24954	19.079	ng/ul	100
66) 4,6-Dinitro-2-methylph...	16.056	198	37884	18.366	ng/ul	100
67) N-Nitrosodiphenylamine	16.185	169	167793	19.787	ng/ul	100
68) 4-Bromophenyl-phenylether	16.872	248	83068	19.578	ng/ul	100
69) Hexachlorobenzene	16.996	284	81329	19.804	ng/ul	100
70) Atrazine	17.119	200	78266	19.357	ng/ul	100
71) Pentachlorophenol	17.331	266	47917	18.353	ng/ul	100
72) Phenanthrene	17.736	178	334445	19.684	ng/ul	100
74) Anthracene	17.824	178	338508	19.462	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.764	216	100226	19.743	ng/uL	100
76) Pentachlorobenzene	15.268	250	97552	19.466	ng/uL	100
77) Carbazole	18.089	167	279028	19.622	ng/ul	100
78) Di-n-butylphthalate	18.617	149	255838	19.692	ng/ul	100
80) Fluoranthene	19.722	202	456274	19.585	ng/ul	100
82) Pyrene	20.086	202	462668	19.687	ng/ul	100
83) Butylbenzylphthalate	20.944	149	91050	18.205	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.872	252	159338	19.769	ng/ul	100
85) Benzo(a)anthracene	21.972	228	473840	19.352	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.843	149	144384	18.845	ng/ul	100
87) Chrysene	22.043	228	430247	18.934	ng/ul	100
89) Di-n-octyl phthalate	23.142	149	259693	17.929	ng/ul	100
90) Benzo(b)fluoranthene	24.352	252	499779	19.342	ng/ul	100
91) Benzo(k)fluoranthene	24.428	252	490208	19.453	ng/ul	100
93) Benzo(a)pyrene	25.298	252	431600	19.169	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	29.452	276	572397	19.318	ng/ul	100
95) Dibenzo(a,h)anthracene	29.528	278	474235	19.119	ng/ul	100
96) Benzo(g,h,i)perylene	30.709	276	457857	19.241	ng/ul	100

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

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