Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013122\
Data File : BM033926.D
Acq On : 31 Jan 2022 15:00
Operator : CG/JU
Sample : SSTD02027
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020027

Quant Time: Jan 31 16:46:56 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM013122.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 31 16:44:50 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.931	152	117353	20.000	ng/ul	0.00
20) Naphthalene-d8	10.742	136	488605	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.566	164	302798	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.307	188	595115	20.000	ng/ul	0.00
79) Chrysene-d12	21.465	240	509065	20.000	ng/ul	0.00
88) Perylene-d12	23.859	264	467404	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.290	96	23966	7.673	ng/uL	0.00
4) Pyridine-d5	3.719	84	168537	19.430	ng/ul	0.00
7) Phenol-d5	7.084	99	201311	19.099	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.254	67	123767	19.282	ng/ul	0.00
11) 2-Chlorophenol-d4	7.460	132	163171	20.248	ng/ul	0.00
15) 4-Methylphenol-d8	8.642	113	159972	18.335	ng/ul	0.00
21) Nitrobenzene-d5	9.095	128	80911	20.969	ng/ul	0.00
24) 2-Nitrophenol-d4	9.819	143	85289	20.856	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.360	165	154430	19.698	ng/ul	0.00
31) 4-Chloroaniline-d4	10.872	131	215047	18.453	ng/ul	0.00
46) Dimethylphthalate-d6	13.977	166	455201	19.081	ng/ul	0.00
49) Acenaphthylene-d8	14.260	160	559679	19.886	ng/ul	0.00
54) 4-Nitrophenol-d4	14.754	143	74190	16.204	ng/ul	0.00
60) Fluorene-d10	15.554	176	375529	18.974	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.671	200	69962	19.763	ng/ul	0.00
73) Anthracene-d10	17.401	188	570057	19.741	ng/ul	0.00
81) Pyrene-d10	19.689	212	615719	22.397	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.706	264	505830	20.799	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.325	88	26669	8.179	ng/uL#	88
5) Pyridine	3.737	79	173035	19.452	ng/ul	85
6) Benzaldehyde	7.060	77	133800	21.999	ng/ul	84
8) Phenol	7.113	94	203831	18.824	ng/ul#	84
10) Bis(2-Chloroethyl)ether	7.348	93	163772	19.418	ng/ul	92
12) 2-Chlorophenol	7.490	128	170948	20.195	ng/ul	89
13) 2-Methylphenol	8.372	108	154846	18.597	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.460	45	226212	19.065	ng/ul	97
16) Acetophenone	8.754	105	258743	18.849	ng/ul	89
17) N-Nitroso-di-n-propyla...	8.742	70	131385	18.482	ng/ul#	88
18) 4-Methylphenol	8.701	108	166637	18.310	ng/ul	94
19) Hexachloroethane	9.019	117	73746	20.544	ng/ul#	85
22) Nitrobenzene	9.137	77	195649	19.996	ng/ul#	89
23) Isophorone	9.666	82	356477	19.063	ng/ul	97
25) 2-Nitrophenol	9.848	139	93334	21.154	ng/ul#	83
26) 2,4-Dimethylphenol	9.913	107	203904	19.980	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.148	93	218536	19.498	ng/ul	97
29) 2,4-Dichlorophenol	10.389	162	154681	19.610	ng/ul	95
30) Naphthalene	10.795	128	542662	20.051	ng/ul	99
32) 4-Chloroaniline	10.895	127	217173	18.437	ng/ul	98
33) Hexachlorobutadiene	11.089	225	115000	21.155	ng/ul	99
34) Caprolactam	11.666	113	44951	16.664	ng/ul	84
35) 4-Chloro-3-methylphenol	12.025	107	180479	18.745	ng/ul	88
36) 2-Methylnaphthalene	12.401	142	364436	19.553	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.619	142	371908	19.370	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.772	216	191586	21.174	ng/ul	99
40) Hexachlorocyclopentadiene	12.754	237	130943	22.039	ng/ul	99
41) 2,4,6-Trichlorophenol	13.007	196	120585	20.738	ng/ul	97
42) 2,4,5-Trichlorophenol	13.077	196	128351	19.952	ng/ul	92
43) 1,1'-Biphenyl	13.407	154	479920	20.211	ng/ul	99
44) 2-Chloronaphthalene	13.448	162	364550	20.431	ng/ul	98
45) 2-Nitroaniline	13.642	65	109876	18.928	ng/ul#	83
47) Dimethylphthalate	14.024	163	453975	19.034	ng/ul	99
48) 2,6-Dinitrotoluene	14.142	165	89584	19.595	ng/ul	93
50) Acenaphthylene	14.289	152	594219	19.879	ng/ul	99
51) 3-Nitroaniline	14.466	138	90205	19.200	ng/ul	84
52) Acenaphthene	14.630	153	384571	19.545	ng/ul	98
53) 2,4-Dinitrophenol	14.671	184	48719	17.706	ng/ul	90
55) 4-Nitrophenol	14.766	109	73405	16.549	ng/ul	91
56) Dibenzofuran	14.966	168	545805	19.341	ng/ul	99
57) 2,4-Dinitrotoluene	14.924	165	127131	18.572	ng/ul#	79
58) 2,3,4,6-Tetrachlorophenol	15.189	232	105261	19.306	ng/ul	98
59) Diethylphthalate	15.383	149	464530	18.434	ng/ul	99
61) Fluorene	15.613	166	434108	18.940	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.607	204	221395	19.246	ng/ul	99
63) 4-Nitroaniline	15.618	138	88666	19.589	ng/ul	87
66) 4,6-Dinitro-2-methylph...	15.683	198	69621	19.570	ng/ul	97
67) N-Nitrosodiphenylamine	15.813	169	368236	20.380	ng/ul	98
68) 4-Bromophenyl-phenylether	16.495	248	128315	21.699	ng/ul	96
69) Hexachlorobenzene	16.618	284	147022	20.416	ng/ul	96
70) Atrazine	16.765	200	134198	18.661	ng/ul	99
71) Pentachlorophenol	16.954	266	88939	18.880	ng/ul	97
72) Phenanthrene	17.348	178	666541	19.637	ng/ul	99
74) Anthracene	17.436	178	673654	19.543	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.372	216	205693	22.976	ng/uL	96
76) Pentachlorobenzene	14.889	250	184509	21.942	ng/uL	97
77) Carbazole	17.701	167	588070	19.017	ng/ul	99
78) Di-n-butylphthalate	18.271	149	738673	18.969	ng/ul	99
80) Fluoranthene	19.354	202	732492	22.415	ng/ul	99
82) Pyrene	19.712	202	753034	22.290	ng/ul	99
83) Butylbenzylphthalate	20.606	149	304982	20.868	ng/ul	87
84) 3,3'-Dichlorobenzidine	21.383	252	214531	18.942	ng/ul	97
85) Benzo(a)anthracene	21.453	228	657538	19.729	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.383	149	438518	19.131	ng/ul	100
87) Chrysene	21.506	228	650051	20.090	ng/ul	98
89) Di-n-octyl phthalate	22.300	149	699402	18.246	ng/ul	100
90) Benzo(b)fluoranthene	23.130	252	648775	20.437	ng/ul	100
91) Benzo(k)fluoranthene	23.177	252	605610	20.496	ng/ul	99
93) Benzo(a)pyrene	23.753	252	613453	20.663	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.359	276	712579	23.850	ng/ul	96
95) Dibenzo(a,h)anthracene	26.371	278	622493	24.178	ng/ul	98
96) Benzo(g,h,i)perylene	27.124	276	598589	24.551	ng/ul	98

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

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