Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013122\
Data File : BM033928.D
Acq On : 31 Jan 2022 16:12
Operator : CG/JU
Sample : SSTD08029
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 31 16:48:07 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

Instrument :
BNA_M
ClientSampleId :
SSTD080029

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 02/01/2022
Supervised By :mohammad ahmed 02/01/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.931	152	120133	20.000	ng/ul	0.00
20) Naphthalene-d8	10.742	136	476044	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.571	164	274807	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.307	188	516384	20.000	ng/ul	0.00
79) Chrysene-d12	21.471	240	453239	20.000	ng/ul	0.00
88) Perylene-d12	23.865	264	462000	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.290	96	94917	29.684	ng/uL	0.00
4) Pyridine-d5	3.719	84	674557	75.968	ng/ul	0.00
7) Phenol-d5	7.090	99	795592	73.734	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.260	67	473969	72.134	ng/ul	0.00
11) 2-Chlorophenol-d4	7.460	132	654416	79.329	ng/ul	0.00
15) 4-Methylphenol-d8	8.648	113	622601	69.706	ng/ul	0.00
21) Nitrobenzene-d5	9.101	128	315105	83.817	ng/ul	0.00
24) 2-Nitrophenol-d4	9.825	143	353606	88.749	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.366	165	608790	79.701	ng/ul	0.00
31) 4-Chloroaniline-d4	10.878	131	800086	70.465	ng/ul	0.00
46) Dimethylphthalate-d6	13.983	166	1619434	74.795	ng/ul	0.00
49) Acenaphthylene-d8	14.266	160	2065806	80.875	ng/ul	0.00
54) 4-Nitrophenol-d4	14.765	143	291736	70.207	ng/ul	0.01
60) Fluorene-d10	15.560	176	1363124	75.887	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.677	200	276403	89.985	ng/ul	0.00
73) Anthracene-d10	17.407	188	2009820	80.210	ng/ul	0.00
81) Pyrene-d10	19.689	212	2120012	86.615	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.712	264	1968566	81.892	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.325	88	101851	30.515	ng/uL#	88
5) Pyridine	3.737	79	689894	75.763	ng/ul	85
6) Benzaldehyde	7.060	77	290145	46.600	ng/ul	85
8) Phenol	7.119	94	812920	73.338	ng/ul#	84
10) Bis(2-Chloroethyl)ether	7.354	93	629197	72.876	ng/ul	89
12) 2-Chlorophenol	7.495	128	671773	77.525	ng/ul#	88
13) 2-Methylphenol	8.378	108	612142	71.819	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.466	45	837153	68.921	ng/ul#	95
16) Acetophenone	8.760	105	976218	69.469	ng/ul#	88
17) N-Nitroso-di-n-propyla...	8.760	70	489134	67.216	ng/ul#	89
18) 4-Methylphenol	8.719	108	646219	69.364	ng/ul	98
19) Hexachloroethane	9.019	117	293642	79.910	ng/ul#	86
22) Nitrobenzene	9.142	77	751376	78.821	ng/ul#	90
23) Isophorone	9.678	82	1339340	73.513	ng/ul	96
25) 2-Nitrophenol	9.854	139	369407	85.934	ng/ul#	82
26) 2,4-Dimethylphenol	9.919	107	764148	76.853	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.154	93	808268	74.016	ng/ul	99
29) 2,4-Dichlorophenol	10.395	162	606488	78.917	ng/ul	98
30) Naphthalene	10.795	128	2041356	77.418	ng/ul	98
32) 4-Chloroaniline	10.901	127	813282	70.865	ng/ul	98
33) Hexachlorobutadiene	11.089	225	439880	83.053	ng/ul	98
34) Caprolactam	11.695	113	170277m	64.788	ng/ul	
35) 4-Chloro-3-methylphenol	12.030	107	673189	71.765	ng/ul	89
36) 2-Methylnaphthalene	12.407	142	1341934	73.896	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.624	142	1364402	72.937	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.772	216	713800	86.925	ng/ul	99
40) Hexachlorocyclopentadiene	12.760	237	540929	100.318	ng/ul	98
41) 2,4,6-Trichlorophenol	13.007	196	459064	86.991	ng/ul	98
42) 2,4,5-Trichlorophenol	13.083	196	489949	83.918	ng/ul	93
43) 1,1'-Biphenyl	13.413	154	1777634	82.486	ng/ul	98
44) 2-Chloronaphthalene	13.454	162	1352426	83.517	ng/ul	99
45) 2-Nitroaniline	13.654	65	430280	81.672	ng/ul#	77
47) Dimethylphthalate	14.030	163	1618040	74.748	ng/ul	100
48) 2,6-Dinitrotoluene	14.148	165	341651	82.341	ng/ul	90
50) Acenaphthylene	14.295	152	2177588	80.270	ng/ul	99
51) 3-Nitroaniline	14.471	138	300520	70.479	ng/ul	88
52) Acenaphthene	14.636	153	1391947	77.948	ng/ul	97
53) 2,4-Dinitrophenol	14.677	184	209489	83.892	ng/ul#	86
55) 4-Nitrophenol	14.783	109	276818	68.763	ng/ul	83
56) Dibenzofuran	14.965	168	1949183	76.106	ng/ul	100
57) 2,4-Dinitrotoluene	14.930	165	475541	76.548	ng/ul#	79
58) 2,3,4,6-Tetrachlorophenol	15.195	232	395307	79.887	ng/ul	97
59) Diethylphthalate	15.389	149	1645113	71.934	ng/ul	100
61) Fluorene	15.618	166	1564688	75.221	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.607	204	794826	76.132	ng/ul	98
63) 4-Nitroaniline	15.630	138	280814	68.360	ng/ul	87
66) 4,6-Dinitro-2-methylph...	15.689	198	275775	89.337	ng/ul	96
67) N-Nitrosodiphenylamine	15.818	169	1309446	83.520	ng/ul	98
68) 4-Bromophenyl-phenylether	16.501	248	464652	90.557	ng/ul	99
69) Hexachlorobenzene	16.618	284	520489	83.296	ng/ul	94
70) Atrazine	16.771	200	489895	78.508	ng/ul	98
71) Pentachlorophenol	16.959	266	341003	83.424	ng/ul	97
72) Phenanthrene	17.348	178	2310852	78.460	ng/ul	98
74) Anthracene	17.442	178	2342138	78.304	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.377	216	758981	97.703	ng/uL	97
76) Pentachlorobenzene	14.895	250	663753	90.968	ng/uL	98
77) Carbazole	17.706	167	2044457	76.196	ng/ul	98
78) Di-n-butylphthalate	18.271	149	2625226	77.694	ng/ul	99
80) Fluoranthene	19.359	202	2526812	86.847	ng/ul	99
82) Pyrene	19.718	202	2561184	85.150	ng/ul	99
83) Butylbenzylphthalate	20.606	149	1135196	87.240	ng/ul	87
84) 3,3'-Dichlorobenzidine	21.383	252	659889	65.440	ng/ul	97
85) Benzo(a)anthracene	21.453	228	2332404	78.601	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.383	149	1615317	79.151	ng/ul	99
87) Chrysene	21.506	228	2281912	79.208	ng/ul	99
89) Di-n-octyl phthalate	22.306	149	2726337	71.958	ng/ul	100
90) Benzo(b)fluoranthene	23.136	252	2438014	77.697	ng/ul	100
91) Benzo(k)fluoranthene	23.183	252	2294006	78.545	ng/ul	100
93) Benzo(a)pyrene	23.765	252	2387483	81.358	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.377	276	2827956	95.758	ng/ul	97
95) Dibenzo(a,h)anthracene	26.388	278	2455152	96.474	ng/ul	97
96) Benzo(g,h,i)perylene	27.147	276	2376160	98.597	ng/ul	100

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

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