Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030223\
Data File : BM038829.D
Acq On : 02 Mar 2023 09:13
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020098

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/03/2023
Supervised By :Jagrut Upadhyay 03/03/2023

Quant Time: Mar 02 23:50:49 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 01 02:09:21 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.010	152	247322	20.000	ng/ul	0.00
20) Naphthalene-d8	10.827	136	1114883	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.645	164	715763	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.386	188	1564723	20.000	ng/ul	0.00
79) Chrysene-d12	21.568	240	1577595	20.000	ng/ul	0.00
88) Perylene-d12	24.021	264	1805665	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	55861	8.434	ng/uL	0.00
4) Pyridine-d5	3.804	84	386491	21.223	ng/ul	0.00
7) Phenol-d5	7.157	99	472597	20.382	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.334	67	304375	20.545	ng/ul	0.00
11) 2-Chlorophenol-d4	7.534	132	369413	21.381	ng/ul	0.00
15) 4-Methylphenol-d8	8.716	113	365678	20.019	ng/ul	0.00
21) Nitrobenzene-d5	9.175	128	171683	21.935	ng/ul	0.00
24) 2-Nitrophenol-d4	9.904	143	161851	22.069	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.439	165	362885	21.294	ng/ul	0.00
31) 4-Chloroaniline-d4	10.957	131	577749	20.339	ng/ul	0.00
46) Dimethylphthalate-d6	14.057	166	1147354	20.696	ng/ul	0.00
49) Acenaphthylene-d8	14.339	160	1384759	21.371	ng/ul	0.00
54) 4-Nitrophenol-d4	14.821	143	225128	20.286	ng/ul	0.00
60) Fluorene-d10	15.633	176	1051966	21.516	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	153684	18.892	ng/ul	0.00
73) Anthracene-d10	17.486	188	1649811	21.383	ng/ul	0.00
81) Pyrene-d10	19.774	212	1880802	21.676	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.862	264	1976371	21.720	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.416	88	60473	8.495	ng/uL	96
5) Pyridine	3.822	79	405805	20.700	ng/ul	99
6) Benzaldehyde	7.139	77	274148	24.413	ng/ul	98
8) Phenol	7.186	94	507655	20.456	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.428	93	407319	20.616	ng/ul	99
12) 2-Chlorophenol	7.569	128	385360	21.655	ng/ul	97
13) 2-Methylphenol	8.445	108	373629	20.140	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.551	45	500482	20.178	ng/ul	99
16) Acetophenone	8.833	105	655469	20.646	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.822	70	309414	21.220	ng/ul	99
18) 4-Methylphenol	8.775	108	419684	20.375	ng/ul	100
19) Hexachloroethane	9.098	117	152472	21.386	ng/ul	99
22) Nitrobenzene	9.216	77	452493	21.132	ng/ul	100
23) Isophorone	9.745	82	889667	20.427	ng/ul	99
25) 2-Nitrophenol	9.933	139	192606	22.146	ng/ul	96
26) 2,4-Dimethylphenol	9.992	107	447784	20.957	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.233	93	552062	20.655	ng/ul	98
29) 2,4-Dichlorophenol	10.463	162	371264	21.490	ng/ul	99
30) Naphthalene	10.874	128	1354616	21.293	ng/ul	99
32) 4-Chloroaniline	10.980	127	590560	20.534	ng/ul	98
33) Hexachlorobutadiene	11.169	225	226941	21.113	ng/ul	99
34) Caprolactam	11.739	113	112090m	18.921	ng/ul	
35) 4-Chloro-3-methylphenol	12.098	107	412035	21.097	ng/ul	99
36) 2-Methylnaphthalene	12.480	142	884264	21.295	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.698	142	892256	21.326	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.845	216	452093	21.116	ng/ul	99
40) Hexachlorocyclopentadiene	12.827	237	234382	20.291	ng/ul	98
41) 2,4,6-Trichlorophenol	13.080	196	287688	21.303	ng/ul	98
42) 2,4,5-Trichlorophenol	13.145	196	319214	21.477	ng/ul	98
43) 1,1'-Biphenyl	13.486	154	1203761	21.322	ng/ul	99
44) 2-Chloronaphthalene	13.527	162	945611	21.236	ng/ul	98
45) 2-Nitroaniline	13.721	65	224069	22.298	ng/ul	99
47) Dimethylphthalate	14.104	163	1165867	20.752	ng/ul	99
48) 2,6-Dinitrotoluene	14.215	165	197449	22.210	ng/ul	96
50) Acenaphthylene	14.368	152	1542645	21.467	ng/ul	99
51) 3-Nitroaniline	14.545	138	232779	20.862	ng/ul	92
52) Acenaphthene	14.710	153	1053548	21.299	ng/ul	99
53) 2,4-Dinitrophenol	14.745	184	87467	17.306	ng/ul	93
55) 4-Nitrophenol	14.839	109	184819	20.850	ng/ul	99
56) Dibenzofuran	15.045	168	1482344	21.586	ng/ul	98
57) 2,4-Dinitrotoluene	14.998	165	306815	22.325	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.262	232	282578	21.837	ng/ul	98
59) Diethylphthalate	15.468	149	1185456	21.324	ng/ul	99
61) Fluorene	15.692	166	1248084	21.677	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.686	204	594172	21.375	ng/ul	97
63) 4-Nitroaniline	15.704	138	253370	21.955	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.757	198	162993	19.361	ng/ul	94
67) N-Nitrosodiphenylamine	15.898	169	1009015	21.321	ng/ul	99
68) 4-Bromophenyl-phenylether	16.580	248	331020	20.554	ng/ul	97
69) Hexachlorobenzene	16.692	284	411709	21.106	ng/ul	99
70) Atrazine	16.851	200	328990	20.549	ng/ul	98
71) Pentachlorophenol	17.033	266	236275	19.921	ng/ul	97
72) Phenanthrene	17.433	178	1924700	21.289	ng/ul	99
74) Anthracene	17.521	178	1975372	21.459	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.451	216	466486	21.154	ng/uL	99
76) Pentachlorobenzene	14.962	250	479765	21.174	ng/uL	99
77) Carbazole	17.786	167	1804517	21.110	ng/ul	100
78) Di-n-butylphthalate	18.362	149	1915014	22.020	ng/ul	100
80) Fluoranthene	19.439	202	2174703	21.792	ng/ul	98
82) Pyrene	19.803	202	2396943	21.904	ng/ul	100
83) Butylbenzylphthalate	20.703	149	705056	24.248	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.480	252	639009	20.671	ng/ul	99
85) Benzo(a)anthracene	21.550	228	2357979	21.632	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.486	149	1171366	24.233	ng/ul	100
87) Chrysene	21.603	228	2286253	21.448	ng/ul	100
89) Di-n-octyl phthalate	22.438	149	1807607	19.909	ng/ul	100
90) Benzo(b)fluoranthene	23.274	252	2438710	21.752	ng/ul	99
91) Benzo(k)fluoranthene	23.321	252	2478725	21.523	ng/ul	99
93) Benzo(a)pyrene	23.915	252	2245926	21.625	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.591	276	2950793	21.494	ng/ul	99
95) Dibenzo(a,h)anthracene	26.609	278	2480438	21.416	ng/ul	100
96) Benzo(g,h,i)perylene	27.379	276	2445729	21.757	ng/ul	98

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

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