Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031424\
Data File : BM044610.D
Acq On : 14 Mar 2024 12:55
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020071

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024

Quant Time: Mar 14 13:40:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM030524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 05 23:05:11 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.704	152	186211	20.000	ng/ul	-0.03
20) Naphthalene-d8	10.480	136	761069	20.000	ng/ul	-0.04
38) Acenaphthene-d10	14.345	164	453486	20.000	ng/ul	-0.02
64) Phenanthrene-d10	17.103	188	936733	20.000	ng/ul	-0.02
79) Chrysene-d12	21.297	240	872913	20.000	ng/ul	-0.01
88) Perylene-d12	23.544	264	1006564	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.257	96	41303	7.523	ng/uL	-0.03
4) Pyridine-d5	3.657	84	277698	17.185	ng/ul	-0.02
7) Phenol-d5	6.875	99	336456	17.574	ng/ul	-0.03
9) Bis-(2-Chloroethyl)eth...	7.051	67	213812	18.081	ng/ul	-0.03
11) 2-Chlorophenol-d4	7.234	132	268706	19.100	ng/ul	-0.04
15) 4-Methylphenol-d8	8.404	113	259793	17.279	ng/ul	-0.04
21) Nitrobenzene-d5	8.863	128	132064	20.607	ng/ul	-0.03
24) 2-Nitrophenol-d4	9.575	143	141881	20.536	ng/ul	-0.03
28) 2,4-Dichlorophenol-d3	10.104	165	245231	20.856	ng/ul	-0.04
31) 4-Chloroaniline-d4	10.627	131	373009	19.101	ng/ul	-0.04
46) Dimethylphthalate-d6	13.768	166	715792	20.122	ng/ul	-0.02
49) Acenaphthylene-d8	14.039	160	808275	19.867	ng/ul	-0.02
54) 4-Nitrophenol-d4	14.557	143	141422	19.170	ng/ul	-0.02
60) Fluorene-d10	15.345	176	601829	20.132	ng/ul	-0.02
65) 4,6-Dinitro-2-methylph...	15.474	200	121415	19.968	ng/ul	-0.02
73) Anthracene-d10	17.198	188	932809	20.833	ng/ul	-0.02
81) Pyrene-d10	19.497	212	1067959	19.947	ng/ul	-0.02
92) Benzo(a)pyrene-d12	23.403	264	1074686	20.313	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	44245	7.784	ng/uL	97
5) Pyridine	3.675	79	288165	17.193	ng/ul	99
6) Benzaldehyde	6.863	77	185038	22.190	ng/ul	99
8) Phenol	6.904	94	345281	17.672	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.145	93	291243	18.153	ng/ul	98
12) 2-Chlorophenol	7.269	128	275269	18.969	ng/ul	99
13) 2-Methylphenol	8.139	108	257843	17.390	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.222	45	405470	19.137	ng/ul	96
16) Acetophenone	8.528	105	417940	17.923	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.510	70	213118	17.690	ng/ul	96
18) 4-Methylphenol	8.469	108	276406	17.125	ng/ul	97
19) Hexachloroethane	8.763	117	116362	19.576	ng/ul	93
22) Nitrobenzene	8.904	77	309043	20.334	ng/ul	97
23) Isophorone	9.427	82	594785	19.182	ng/ul	99
25) 2-Nitrophenol	9.604	139	149771	19.885	ng/ul	98
26) 2,4-Dimethylphenol	9.663	107	273522	19.958	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.910	93	379737	19.473	ng/ul	99
29) 2,4-Dichlorophenol	10.133	162	243918	20.779	ng/ul	99
30) Naphthalene	10.533	128	883649	20.500	ng/ul	100
32) 4-Chloroaniline	10.651	127	358198	19.026	ng/ul	99
33) Hexachlorobutadiene	10.804	225	146538	22.272	ng/ul	97
34) Caprolactam	11.433	113	78711	17.218	ng/ul	98
35) 4-Chloro-3-methylphenol	11.780	107	265919	19.534	ng/ul	100
36) 2-Methylnaphthalene	12.151	142	575466	20.076	ng/ul	99

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37) 1-Methylnaphthalene	12.368	142	566965	20.051	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.516	216	273199	21.176	ng/ul	97
40) Hexachlorocyclopentadiene	12.486	237	170662	19.927	ng/ul	98
41) 2,4,6-Trichlorophenol	12.768	196	181410	20.058	ng/ul	100
42) 2,4,5-Trichlorophenol	12.839	196	197051	20.330	ng/ul	96
43) 1,1'-Biphenyl	13.174	154	734476	20.396	ng/ul	99
44) 2-Chloronaphthalene	13.215	162	574700	20.337	ng/ul	99
45) 2-Nitroaniline	13.433	65	171835	19.369	ng/ul	98
47) Dimethylphthalate	13.815	163	727084	20.086	ng/ul	100
48) 2,6-Dinitrotoluene	13.939	165	143772	19.885	ng/ul	99
50) Acenaphthylene	14.068	152	964336	20.337	ng/ul	99
51) 3-Nitroaniline	14.268	138	152556	19.534	ng/ul	95
52) Acenaphthene	14.410	153	625374	20.062	ng/ul	100
53) 2,4-Dinitrophenol	14.480	184	79083	17.099	ng/ul	97
55) 4-Nitrophenol	14.574	109	100188	19.383	ng/ul	95
56) Dibenzofuran	14.751	168	849834	20.495	ng/ul	99
57) 2,4-Dinitrotoluene	14.727	165	207061	19.839	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.974	232	164732	20.537	ng/ul	99
59) Diethylphthalate	15.186	149	756219	20.130	ng/ul	100
61) Fluorene	15.404	166	692753	20.428	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.404	204	329952	20.963	ng/ul	98
63) 4-Nitroaniline	15.433	138	157878m	21.151	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.486	198	130723	20.118	ng/ul#	97
67) N-Nitrosodiphenylamine	15.621	169	585513	20.754	ng/ul	99
68) 4-Bromophenyl-phenylether	16.298	248	200246	21.372	ng/ul	99
69) Hexachlorobenzene	16.398	284	232994	21.832	ng/ul	95
70) Atrazine	16.580	200	202095	21.921	ng/ul	97
71) Pentachlorophenol	16.745	266	141369	20.061	ng/ul	98
72) Phenanthrene	17.145	178	1104413	20.784	ng/ul	100
74) Anthracene	17.233	178	1127549	20.981	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.133	216	264297	21.124	ng/uL	99
76) Pentachlorobenzene	14.662	250	263649	21.796	ng/uL	98
77) Carbazole	17.515	167	1057872	20.948	ng/ul	100
78) Di-n-butylphthalate	18.086	149	1432327	21.086	ng/ul	100
80) Fluoranthene	19.168	202	1278921	20.059	ng/ul	97
82) Pyrene	19.527	202	1338380	20.162	ng/ul	100
83) Butylbenzylphthalate	20.450	149	649535	19.900	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.221	252	425277	22.522	ng/ul	99
85) Benzo(a)anthracene	21.280	228	1314389	20.051	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.227	149	1006686	21.153	ng/ul	98
87) Chrysene	21.333	228	1228283	20.239	ng/ul	99
89) Di-n-octyl phthalate	22.121	149	1758662	19.523	ng/ul	100
90) Benzo(b)fluoranthene	22.868	252	1317463	19.561	ng/ul	99
91) Benzo(k)fluoranthene	22.915	252	1313945	19.918	ng/ul	99
93) Benzo(a)pyrene	23.450	252	1250341	19.845	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.815	276	1533282	21.697	ng/ul	98
95) Dibenzo(a,h)anthracene	25.832	278	1305103	22.149	ng/ul	98
96) Benzo(g,h,i)perylene	26.503	276	1241893	22.022	ng/ul	100

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

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