Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120722\
Data File : BM037869.D
Acq On : 07 Dec 2022 13:28
Operator : CG/JU
Sample : SSTD01004
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD010006

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 12/08/2022
Supervised By :mohammad ahmed 12/08/2022

Quant Time: Dec 08 01:01:00 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 08 00:59:34 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.086	152	186542	20.000	ng/ul	0.00
20) Naphthalene-d8	10.910	136	745375	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.715	164	414779	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.456	188	817554	20.000	ng/ul	0.00
79) Chrysene-d12	21.621	240	779862	20.000	ng/ul	0.00
88) Perylene-d12	24.109	264	876621	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.428	96	17307m	4.353	ng/uL	0.00
4) Pyridine-d5	3.869	84	113804	8.850	ng/ul	0.00
7) Phenol-d5	7.239	99	146482	8.716	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.410	67	92517	9.436	ng/ul	0.00
11) 2-Chlorophenol-d4	7.616	132	123418	9.713	ng/ul	0.00
15) 4-Methylphenol-d8	8.798	113	109850	8.219	ng/ul	0.00
21) Nitrobenzene-d5	9.263	128	58424	9.867	ng/ul	0.00
24) 2-Nitrophenol-d4	9.986	143	58158	9.492	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.527	165	114746	10.099	ng/ul	0.00
31) 4-Chloroaniline-d4	11.045	131	142855	8.197	ng/ul	0.00
46) Dimethylphthalate-d6	14.121	166	294894	10.354	ng/ul	0.00
49) Acenaphthylene-d8	14.415	160	361226	10.428	ng/ul	0.00
54) 4-Nitrophenol-d4	14.910	143	41143	6.959	ng/ul	0.00
60) Fluorene-d10	15.704	176	262439	10.156	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.821	200	31610	7.340	ng/ul	0.00
73) Anthracene-d10	17.551	188	387365	10.303	ng/ul	0.00
81) Pyrene-d10	19.833	212	430632	10.660	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.944	264	440457	10.030	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.463	88	17999	4.224	ng/uL	95
5) Pyridine	3.887	79	120815	9.582	ng/ul	97
6) Benzaldehyde	7.222	77	56293	6.955	ng/ul	97
8) Phenol	7.269	94	148257	8.632	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.504	93	123310	9.000	ng/ul	99
12) 2-Chlorophenol	7.651	128	125995	9.212	ng/ul	99
13) 2-Methylphenol	8.533	108	109698	8.009	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.622	45	228540	8.976	ng/ul	98
16) Acetophenone	8.922	105	178494	8.466	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.904	70	83998	7.910	ng/ul	97
18) 4-Methylphenol	8.863	108	118142	7.994	ng/ul	99
19) Hexachloroethane	9.180	117	51026	9.768	ng/ul	97
22) Nitrobenzene	9.304	77	127911	10.308	ng/ul	98
23) Isophorone	9.833	82	228664	8.565	ng/ul	99
25) 2-Nitrophenol	10.022	139	64322	9.688	ng/ul	98
26) 2,4-Dimethylphenol	10.075	107	124381	9.745	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.310	93	153819	9.542	ng/ul	99
29) 2,4-Dichlorophenol	10.551	162	113571	9.882	ng/ul	99
30) Naphthalene	10.963	128	405065	10.013	ng/ul	98
32) 4-Chloroaniline	11.074	127	144954	8.219	ng/ul	97
33) Hexachlorobutadiene	11.239	225	77634	10.905	ng/ul	98
34) Caprolactam	11.851	113	22793	5.461	ng/ul	91
35) 4-Chloro-3-methylphenol	12.180	107	99522	8.298	ng/ul	100
36) 2-Methylnaphthalene	12.557	142	258074	9.221	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.774	142	261589	9.339	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.921	216	143117	12.048	ng/ul	96
40) Hexachlorocyclopentadiene	12.898	237	66281	10.147	ng/ul	98
41) 2,4,6-Trichlorophenol	13.157	196	80926	10.435	ng/ul	93
42) 2,4,5-Trichlorophenol	13.227	196	84652	10.249	ng/ul	95
43) 1,1'-Biphenyl	13.557	154	346134	11.481	ng/ul	98
44) 2-Chloronaphthalene	13.598	162	261052	11.034	ng/ul	99
45) 2-Nitroaniline	13.804	65	57831	8.639	ng/ul	98
47) Dimethylphthalate	14.168	163	293098	9.880	ng/ul	98
48) 2,6-Dinitrotoluene	14.292	165	52858	8.727	ng/ul	94
50) Acenaphthylene	14.439	152	397690	10.355	ng/ul	99
51) 3-Nitroaniline	14.621	138	46214	6.392	ng/ul	92
52) Acenaphthene	14.780	153	278558	10.467	ng/ul	98
53) 2,4-Dinitrophenol	14.827	184	17475	4.940	ng/ul	96
55) 4-Nitrophenol	14.921	109	28649m	7.862	ng/ul	
56) Dibenzofuran	15.115	168	383464	10.702	ng/ul	99
57) 2,4-Dinitrotoluene	15.074	165	72463	8.566	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.339	232	72176	9.935	ng/ul#	95
59) Diethylphthalate	15.521	149	290539	9.550	ng/ul	99
61) Fluorene	15.757	166	312808	10.370	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.751	204	154368	10.735	ng/ul	97
63) 4-Nitroaniline	15.780	138	47976m	6.596	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.833	198	32465	7.313	ng/ul#	98
67) N-Nitrosodiphenylamine	15.962	169	244555	10.380	ng/ul	99
68) 4-Bromophenyl-phenylether	16.645	248	91248	10.876	ng/ul	97
69) Hexachlorobenzene	16.762	284	110149	11.243	ng/ul	99
70) Atrazine	16.909	200	78071	9.622	ng/ul	97
71) Pentachlorophenol	17.104	266	54113m	8.980	ng/ul	
72) Phenanthrene	17.498	178	455559	10.281	ng/ul	99
74) Anthracene	17.586	178	465132	10.290	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.521	216	137717	12.493	ng/uL	99
76) Pentachlorobenzene	15.033	250	135259	11.279	ng/uL	98
77) Carbazole	17.856	167	395411	9.506	ng/ul	98
78) Di-n-butylphthalate	18.409	149	460950	8.814	ng/ul	99
80) Fluoranthene	19.503	202	507264	10.281	ng/ul	98
82) Pyrene	19.862	202	536485	10.530	ng/ul	99
83) Butylbenzylphthalate	20.744	149	188351	8.479	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.538	252	166756	10.207	ng/ul	95
85) Benzo(a)anthracene	21.609	228	535287	10.728	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.515	149	284626	8.480	ng/ul	99
87) Chrysene	21.662	228	509846	10.977	ng/ul	99
89) Di-n-octyl phthalate	22.468	149	495720	7.858	ng/ul	100
90) Benzo(b)fluoranthene	23.344	252	544052	9.664	ng/ul	99
91) Benzo(k)fluoranthene	23.397	252	540676	9.956	ng/ul	98
93) Benzo(a)pyrene	23.997	252	476761	9.766	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.709	276	617120	11.244	ng/ul	99
95) Dibenzo(a,h)anthracene	26.726	278	516205	10.334	ng/ul	97
96) Benzo(g,h,i)perylene	27.515	276	496372	10.363	ng/ul	98

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

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