Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122922\
Data File : BM038335.D
Acq On : 28 Dec 2022 18:59
Operator : CG/JU
Sample : SSTD04012
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD040015

Quant Time: Dec 29 01:56:46 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM122922.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 29 01:45:50 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.004	152	77596	20.000	ng/ul	0.00
20) Naphthalene-d8	10.822	136	299563	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.639	164	199423	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.380	188	454446	20.000	ng/ul	0.00
79) Chrysene-d12	21.550	240	496486	20.000	ng/ul	0.00
88) Perylene-d12	23.985	264	528351	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.363	96	33229	19.444	ng/uL	0.00
4) Pyridine-d5	3.798	84	234586	46.273	ng/ul	0.00
7) Phenol-d5	7.169	99	261494	41.471	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.334	67	177641	46.266	ng/ul	0.00
11) 2-Chlorophenol-d4	7.534	132	203504	39.343	ng/ul	0.00
15) 4-Methylphenol-d8	8.722	113	203432	41.331	ng/ul	0.00
21) Nitrobenzene-d5	9.180	128	97798	41.233	ng/ul	0.00
24) 2-Nitrophenol-d4	9.904	143	115156	46.330	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.445	165	227055	48.094	ng/ul	0.00
31) 4-Chloroaniline-d4	10.963	131	273945	42.036	ng/ul	0.00
46) Dimethylphthalate-d6	14.051	166	635295	44.684	ng/ul	0.00
49) Acenaphthylene-d8	14.333	160	736461	42.383	ng/ul	0.00
54) 4-Nitrophenol-d4	14.845	143	108204	44.656	ng/ul	0.00
60) Fluorene-d10	15.627	176	556027	43.896	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.757	200	135116	55.611	ng/ul	0.00
73) Anthracene-d10	17.480	188	910936	42.950	ng/ul	0.00
81) Pyrene-d10	19.762	212	1129660	37.878	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.827	264	1126138	42.673	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.404	88	35379	19.735	ng/uL	98
5) Pyridine	3.816	79	246897	48.461	ng/ul	100
6) Benzaldehyde	7.145	77	118238	50.135	ng/ul	98
8) Phenol	7.198	94	272219	43.045	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.428	93	221638	42.680	ng/ul	97
12) 2-Chlorophenol	7.569	128	208707	39.452	ng/ul	98
13) 2-Methylphenol	8.457	108	196765	40.658	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.539	45	304118	32.433	ng/ul	99
16) Acetophenone	8.839	105	348688	45.044	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.822	70	190396	52.211	ng/ul	100
18) 4-Methylphenol	8.786	108	215555	41.174	ng/ul	96
19) Hexachloroethane	9.086	117	99468	47.032	ng/ul	97
22) Nitrobenzene	9.222	77	280350	54.934	ng/ul	99
23) Isophorone	9.751	82	510904	54.632	ng/ul	99
25) 2-Nitrophenol	9.933	139	122241	46.910	ng/ul	97
26) 2,4-Dimethylphenol	9.992	107	257517	51.102	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.227	93	298937	48.087	ng/ul	100
29) 2,4-Dichlorophenol	10.469	162	211965	45.761	ng/ul	99
30) Naphthalene	10.874	128	647547	40.056	ng/ul	99
32) 4-Chloroaniline	10.986	127	279432	42.998	ng/ul	96
33) Hexachlorobutadiene	11.145	225	168173	55.191	ng/ul	96
34) Caprolactam	11.774	113	59356	49.956	ng/ul	97
35) 4-Chloro-3-methylphenol	12.104	107	217665	51.626	ng/ul	95
36) 2-Methylnaphthalene	12.474	142	440025	41.966	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.692	142	455752	42.508	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.839	216	307847	47.245	ng/ul	99
40) Hexachlorocyclopentadiene	12.810	237	206361	55.363	ng/ul	99
41) 2,4,6-Trichlorophenol	13.080	196	191893	48.348	ng/ul	99
42) 2,4,5-Trichlorophenol	13.151	196	206882	49.980	ng/ul	97
43) 1,1'-Biphenyl	13.474	154	621046	38.743	ng/ul	98
44) 2-Chloronaphthalene	13.521	162	505903	40.911	ng/ul	98
45) 2-Nitroaniline	13.733	65	157304	52.794	ng/ul	99
47) Dimethylphthalate	14.098	163	627150	44.709	ng/ul	99
48) 2,6-Dinitrotoluene	14.221	165	128003	46.979	ng/ul	100
50) Acenaphthylene	14.362	152	758469	39.696	ng/ul	99
51) 3-Nitroaniline	14.551	138	110861	40.781	ng/ul	94
52) Acenaphthene	14.704	153	533214	40.347	ng/ul	96
53) 2,4-Dinitrophenol	14.762	184	89782	67.152	ng/ul	95
55) 4-Nitrophenol	14.862	109	105293	65.893	ng/ul	98
56) Dibenzofuran	15.039	168	754685	41.827	ng/ul	98
57) 2,4-Dinitrotoluene	15.009	165	185527	50.280	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.262	232	190201	54.625	ng/ul	95
59) Diethylphthalate	15.451	149	642605	45.985	ng/ul	99
61) Fluorene	15.686	166	651712	44.290	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.674	204	348966	48.528	ng/ul	99
63) 4-Nitroaniline	15.715	138	104498	42.395	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.768	198	129555	55.079	ng/ul	98
67) N-Nitrosodiphenylamine	15.892	169	524464	38.259	ng/ul	100
68) 4-Bromophenyl-phenylether	16.568	248	215725	43.304	ng/ul	99
69) Hexachlorobenzene	16.686	284	251734	42.334	ng/ul	98
70) Atrazine	16.839	200	215088	45.914	ng/ul	97
71) Pentachlorophenol	17.033	266	150035	45.381	ng/ul	96
72) Phenanthrene	17.421	178	1014019	40.859	ng/ul	99
74) Anthracene	17.515	178	1053653	41.777	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.445	216	298902	40.684	ng/uL	99
76) Pentachlorobenzene	14.957	250	289239	39.743	ng/uL	99
77) Carbazole	17.786	167	897740	41.085	ng/ul	99
78) Di-n-butylphthalate	18.333	149	1139172	43.861	ng/ul	99
80) Fluoranthene	19.433	202	1295926	36.818	ng/ul	98
82) Pyrene	19.792	202	1386325	37.845	ng/ul	99
83) Butylbenzylphthalate	20.680	149	532148	39.067	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.468	252	446581	45.456	ng/ul	100
85) Benzo(a)anthracene	21.533	228	1435469	42.946	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.444	149	804843	40.616	ng/ul	99
87) Chrysene	21.591	228	1374558	43.830	ng/ul	99
89) Di-n-octyl phthalate	22.374	149	1432851	42.324	ng/ul	100
90) Benzo(b)fluoranthene	23.238	252	1425285	43.513	ng/ul	98
91) Benzo(k)fluoranthene	23.291	252	1456556	45.883	ng/ul	100
93) Benzo(a)pyrene	23.880	252	1266743	43.977	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.532	276	1617596	43.604	ng/ul	99
95) Dibenzo(a,h)anthracene	26.544	278	1326245	42.408	ng/ul	99
96) Benzo(g,h,i)perylene	27.320	276	1294170	43.694	ng/ul	99

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

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