Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120622\
Data File : BM037851.D
Acq On : 06 Dec 2022 11:38
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020064

Quant Time: Dec 06 21:47:49 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120122.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 02 01:14:59 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.093	152	280477	20.000	ng/ul	0.00
20) Naphthalene-d8	10.916	136	1269063	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.722	164	822068	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.463	188	1652577	20.000	ng/ul	0.00
79) Chrysene-d12	21.627	240	1139234	20.000	ng/ul	0.00
88) Perylene-d12	24.115	264	1040869	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.428	96	48278	8.076	ng/uL	0.00
4) Pyridine-d5	3.864	84	406041	21.000	ng/ul	0.00
7) Phenol-d5	7.246	99	483911	19.150	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.416	67	285691	19.379	ng/ul	0.00
11) 2-Chlorophenol-d4	7.622	132	400733	20.975	ng/ul	0.00
15) 4-Methylphenol-d8	8.804	113	389863	19.401	ng/ul	0.00
21) Nitrobenzene-d5	9.263	128	207844	20.617	ng/ul	0.00
24) 2-Nitrophenol-d4	9.993	143	224234	21.496	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.534	165	408980	21.140	ng/ul	0.00
31) 4-Chloroaniline-d4	11.051	131	571437	19.257	ng/ul	0.00
46) Dimethylphthalate-d6	14.128	166	1144997	20.283	ng/ul	0.00
49) Acenaphthylene-d8	14.416	160	1397258	20.352	ng/ul	0.00
54) 4-Nitrophenol-d4	14.916	143	202052	17.245	ng/ul	0.00
60) Fluorene-d10	15.710	176	1043708	20.380	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.822	200	167180	19.204	ng/ul	0.00
73) Anthracene-d10	17.557	188	1569700	20.654	ng/ul	0.00
81) Pyrene-d10	19.839	212	1565398	26.527	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.945	264	1072873	20.575	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.464	88	52160	8.141	ng/uL#	77
5) Pyridine	3.887	79	384658	20.290	ng/ul	97
6) Benzaldehyde	7.222	77	248453	20.415	ng/ul	97
8) Phenol	7.275	94	499120	19.328	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.510	93	403110	19.567	ng/ul	97
12) 2-Chlorophenol	7.652	128	424735	20.654	ng/ul	97
13) 2-Methylphenol	8.540	108	395888	19.223	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.628	45	726872	18.988	ng/ul	99
16) Acetophenone	8.922	105	624484	19.700	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.910	70	304043	19.042	ng/ul	98
18) 4-Methylphenol	8.869	108	428320	19.276	ng/ul	98
19) Hexachloroethane	9.181	117	169106	21.529	ng/ul	98
22) Nitrobenzene	9.304	77	440788	20.864	ng/ul	97
23) Isophorone	9.840	82	873323	19.214	ng/ul	99
25) 2-Nitrophenol	10.022	139	243833	21.570	ng/ul	97
26) 2,4-Dimethylphenol	10.081	107	454867	20.933	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.316	93	549575	20.023	ng/ul	97
29) 2,4-Dichlorophenol	10.557	162	423813	21.658	ng/ul	98
30) Naphthalene	10.963	128	1436435	20.856	ng/ul	99
32) 4-Chloroaniline	11.075	127	594020	19.782	ng/ul	98
33) Hexachlorobutadiene	11.245	225	266152	21.958	ng/ul	98
34) Caprolactam	11.863	113	122733	17.272	ng/ul	81
35) 4-Chloro-3-methylphenol	12.187	107	415781	20.361	ng/ul	98
36) 2-Methylnaphthalene	12.563	142	968781	20.331	ng/ul	100

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.781	142	973627	20.415	ng/ul	99
39)	1,2,4,5-Tetrachloroben...	12.922	216	511949	21.745	ng/ul	98
40)	Hexachlorocyclopentadiene	12.904	237	245664	18.975	ng/ul	100
41)	2,4,6-Trichlorophenol	13.163	196	336569	21.898	ng/ul	99
42)	2,4,5-Trichlorophenol	13.233	196	357202	21.821	ng/ul	99
43)	1,1'-Biphenyl	13.557	154	1257205	21.039	ng/ul	99
44)	2-Chloronaphthalene	13.604	162	1001712	21.362	ng/ul	99
45)	2-Nitroaniline	13.810	65	265021	19.975	ng/ul	96
47)	Dimethylphthalate	14.175	163	1199287	20.398	ng/ul	99
48)	2,6-Dinitrotoluene	14.298	165	244112	20.335	ng/ul	99
50)	Acenaphthylene	14.445	152	1565726	20.570	ng/ul	99
51)	3-Nitroaniline	14.628	138	261904	18.279	ng/ul	98
52)	Acenaphthene	14.786	153	1091015	20.685	ng/ul	99
53)	2,4-Dinitrophenol	14.828	184	113610	16.204	ng/ul	92
55)	4-Nitrophenol	14.928	109	132923	18.405	ng/ul	93
56)	Dibenzofuran	15.116	168	1472957	20.742	ng/ul	100
57)	2,4-Dinitrotoluene	15.080	165	341187	20.351	ng/ul	100
58)	2,3,4,6-Tetrachlorophenol	15.339	232	308429	21.421	ng/ul	97
59)	Diethylphthalate	15.527	149	1201872	19.932	ng/ul	100
61)	Fluorene	15.763	166	1235897	20.673	ng/ul	100
62)	4-Chlorophenyl-phenyle...	15.751	204	601007	21.087	ng/ul	99
63)	4-Nitroaniline	15.780	138	246899	17.128	ng/ul	100
66)	4,6-Dinitro-2-methylph...	15.839	198	177374	19.765	ng/ul	100
67)	N-Nitrosodiphenylamine	15.969	169	1023942	21.501	ng/ul	99
68)	4-Bromophenyl-phenylether	16.645	248	365707	21.565	ng/ul	99
69)	Hexachlorobenzene	16.763	284	437344	22.084	ng/ul	100
70)	Atrazine	16.916	200	337242	20.562	ng/ul	98
71)	Pentachlorophenol	17.110	266	243612	20.001	ng/ul	99
72)	Phenanthrene	17.504	178	1871888	20.900	ng/ul	99
74)	Anthracene	17.592	178	1917579	20.987	ng/ul	100
75)	1,2,3,4-Tetrachloroben...	13.528	216	514000	23.068	ng/uL	99
76)	Pentachlorobenzene	15.033	250	553562	22.835	ng/uL	100
77)	Carbazole	17.863	167	1670972	19.873	ng/ul	100
78)	Di-n-butylphthalate	18.410	149	2096040	19.827	ng/ul	99
80)	Fluoranthene	19.510	202	1985131	27.541	ng/ul	96
82)	Pyrene	19.868	202	1992878	26.777	ng/ul	99
83)	Butylbenzylphthalate	20.751	149	785340	24.202	ng/ul	100
84)	3,3'-Dichlorobenzidine	21.539	252	458768	19.223	ng/ul	100
85)	Benzo(a)anthracene	21.609	228	1540554	21.136	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.521	149	1113535	22.710	ng/ul	99
87)	Chrysene	21.668	228	1418663	20.909	ng/ul	99
89)	Di-n-octyl phthalate	22.468	149	1677195	22.390	ng/ul	100
90)	Benzo(b)fluoranthene	23.350	252	1367831	20.463	ng/ul	99
91)	Benzo(k)fluoranthene	23.403	252	1348078	20.906	ng/ul	97
93)	Benzo(a)pyrene	24.003	252	1190962	20.546	ng/ul	98
94)	Indeno(1,2,3-cd)pyrene	26.715	276	1425597	21.875	ng/ul	96
95)	Dibenzo(a,h)anthracene	26.727	278	1305102	22.003	ng/ul	99
96)	Benzo(g,h,i)perylene	27.515	276	1282767	22.555	ng/ul	99

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

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