Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072922\
Data File : BM036013.D
Acq On : 30 Jul 2022 03:36
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020139

Quant Time: Jul 30 05:25:22 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM072522.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 30 00:20:59 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	281919	20.000	ng/ul	0.00
20) Naphthalene-d8	10.681	136	1120590	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.510	164	615065	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.251	188	1194755	20.000	ng/ul	0.00
79) Chrysene-d12	21.427	240	1220703	20.000	ng/ul	0.00
88) Perylene-d12	23.792	264	1265719	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	64003	8.543	ng/uL	0.00
4) Pyridine-d5	3.693	84	407002	19.830	ng/ul	0.00
7) Phenol-d5	7.040	99	455539	19.269	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.210	67	310573	19.706	ng/ul	0.00
11) 2-Chlorophenol-d4	7.404	132	411721	20.981	ng/ul	0.00
15) 4-Methylphenol-d8	8.587	113	355980	18.587	ng/ul	0.00
21) Nitrobenzene-d5	9.040	128	188068	21.180	ng/ul	0.00
24) 2-Nitrophenol-d4	9.763	143	185783	21.475	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.298	165	337631	21.578	ng/ul	0.00
31) 4-Chloroaniline-d4	10.822	131	519090	19.597	ng/ul	0.00
46) Dimethylphthalate-d6	13.927	166	869921	20.763	ng/ul	0.00
49) Acenaphthylene-d8	14.204	160	1130789	21.154	ng/ul	0.00
54) 4-Nitrophenol-d4	14.710	143	157201	18.272	ng/ul	0.00
60) Fluorene-d10	15.498	176	792496	20.932	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.621	200	111454	17.355	ng/ul	0.00
73) Anthracene-d10	17.351	188	1169855	21.658	ng/ul	0.00
81) Pyrene-d10	19.639	212	1349866	19.953	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.639	264	1354455	21.078	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.305	88	67810	8.734	ng/uL	93
5) Pyridine	3.716	79	439513	20.406	ng/ul	88
6) Benzaldehyde	7.016	77	146512	14.766	ng/ul	98
8) Phenol	7.069	94	499355	19.301	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.298	93	414433	19.925	ng/ul	95
12) 2-Chlorophenol	7.434	128	423720	21.049	ng/ul	97
13) 2-Methylphenol	8.322	108	369122	19.098	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.410	45	535363	19.500	ng/ul	97
16) Acetophenone	8.704	105	576743	18.756	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.693	70	280237	18.275	ng/ul	93
18) 4-Methylphenol	8.651	108	389811	18.800	ng/ul	99
19) Hexachloroethane	8.951	117	178138	21.447	ng/ul	88
22) Nitrobenzene	9.081	77	424311	20.882	ng/ul	100
23) Isophorone	9.610	82	733733	19.129	ng/ul	98
25) 2-Nitrophenol	9.792	139	206475	21.513	ng/ul	99
26) 2,4-Dimethylphenol	9.857	107	408679	20.838	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.098	93	494435	20.438	ng/ul	99
29) 2,4-Dichlorophenol	10.328	162	348889	21.483	ng/ul	98
30) Naphthalene	10.728	128	1281417	21.665	ng/ul	99
32) 4-Chloroaniline	10.845	127	517025	19.649	ng/ul	99
33) Hexachlorobutadiene	11.010	225	227349	22.677	ng/ul	98
34) Caprolactam	11.622	113	88159	16.425	ng/ul	92
35) 4-Chloro-3-methylphenol	11.969	107	334285	19.796	ng/ul	97
36) 2-Methylnaphthalene	12.339	142	797788	20.616	ng/ul	98

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.557	142	800088	20.512	ng/ul#	99
39)	1,2,4,5-Tetrachloroben...	12.704	216	388465	22.188	ng/ul	99
40)	Hexachlorocyclopentadiene	12.680	237	221989	19.037	ng/ul	96
41)	2,4,6-Trichlorophenol	12.945	196	244650	21.835	ng/ul	100
42)	2,4,5-Trichlorophenol	13.016	196	259571	21.712	ng/ul	98
43)	1,1'-Biphenyl	13.351	154	1022096	21.590	ng/ul	98
44)	2-Chloronaphthalene	13.392	162	787719	21.681	ng/ul	98
45)	2-Nitroaniline	13.598	65	197546	19.722	ng/ul	97
47)	Dimethylphthalate	13.975	163	879339	20.866	ng/ul	100
48)	2,6-Dinitrotoluene	14.092	165	165626	19.795	ng/ul	90
50)	Acenaphthylene	14.233	152	1247756	21.100	ng/ul	100
51)	3-Nitroaniline	14.422	138	128584	13.906	ng/ul	100
52)	Acenaphthene	14.574	153	814954	21.243	ng/ul	99
53)	2,4-Dinitrophenol	14.627	184	72943	15.355	ng/ul	95
55)	4-Nitrophenol	14.727	109	120600	18.328	ng/ul	85
56)	Dibenzofuran	14.910	168	1142264	21.519	ng/ul	99
57)	2,4-Dinitrotoluene	14.874	165	234413	19.875	ng/ul#	99
58)	2,3,4,6-Tetrachlorophenol	15.133	232	197973	21.076	ng/ul#	94
59)	Diethylphthalate	15.333	149	881199	20.672	ng/ul	99
61)	Fluorene	15.557	166	903674	20.841	ng/ul	100
62)	4-Chlorophenyl-phenyle...	15.551	204	437813	21.074	ng/ul	98
63)	4-Nitroaniline	15.580	138	108397	12.733	ng/ul	94
66)	4,6-Dinitro-2-methylph...	15.633	198	115351	17.950	ng/ul	97
67)	N-Nitrosodiphenylamine	15.763	169	736238	20.961	ng/ul	99
68)	4-Bromophenyl-phenylether	16.445	248	253751	21.664	ng/ul	98
69)	Hexachlorobenzene	16.551	284	307764	21.565	ng/ul	98
70)	Atrazine	16.716	200	246969	20.272	ng/ul	98
71)	Pentachlorophenol	16.898	266	169310	19.420	ng/ul	98
72)	Phenanthrene	17.292	178	1373298	21.446	ng/ul	99
74)	Anthracene	17.386	178	1404474	21.858	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.310	216	400458	21.554	ng/uL	98
76)	Pentachlorobenzene	14.822	250	367479	21.819	ng/uL	100
77)	Carbazole	17.657	167	1256972	21.180	ng/ul	99
78)	Di-n-butylphthalate	18.221	149	1476506	22.051	ng/ul	99
80)	Fluoranthene	19.304	202	1581570	19.566	ng/ul	99
82)	Pyrene	19.668	202	1661442	19.942	ng/ul	96
83)	Butylbenzylphthalate	20.568	149	635000	20.956	ng/ul	96
84)	3,3'-Dichlorobenzidine	21.345	252	484693	21.517	ng/ul	98
85)	Benzo(a)anthracene	21.409	228	1652621	21.509	ng/ul	100
86)	Bis(2-ethylhexyl)phtha...	21.345	149	983934	22.472	ng/ul	99
87)	Chrysene	21.462	228	1586961	21.169	ng/ul	99
89)	Di-n-octyl phthalate	22.256	149	1626990	19.905	ng/ul	100
90)	Benzo(b)fluoranthene	23.068	252	1726264	20.436	ng/ul	97
91)	Benzo(k)fluoranthene	23.115	252	1643542	20.504	ng/ul	97
93)	Benzo(a)pyrene	23.686	252	1698750	21.113	ng/ul#	96
94)	Indeno(1,2,3-cd)pyrene	26.250	276	1970362	22.975	ng/ul#	92
95)	Dibenzo(a,h)anthracene	26.268	278	1689574	22.963	ng/ul	96
96)	Benzo(g,h,i)perylene	27.009	276	1657093	23.317	ng/ul	96

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

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