Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120722\
Data File : BM037870.D
Acq On : 07 Dec 2022 14:05
Operator : CG/JU
Sample : SSTD02005
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020007

Quant Time: Dec 08 01:01:35 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	8.092	152	215720	20.000	ng/ul	0.00
20) Naphthalene-d8	10.910	136	894274	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.716	164	547643	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.457	188	1115018	20.000	ng/ul	0.00
79) Chrysene-d12	21.627	240	827239	20.000	ng/ul	0.00
88) Perylene-d12	24.109	264	890264	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.428	96	35526	7.727	ng/uL	0.00
4) Pyridine-d5	3.863	84	271416	18.252	ng/ul	0.00
7) Phenol-d5	7.240	99	327649	16.859	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.410	67	204556	18.040	ng/ul	0.00
11) 2-Chlorophenol-d4	7.616	132	279959	19.052	ng/ul	0.00
15) 4-Methylphenol-d8	8.798	113	259232	16.772	ng/ul	0.00
21) Nitrobenzene-d5	9.263	128	140289	19.749	ng/ul	0.00
24) 2-Nitrophenol-d4	9.986	143	149274	20.307	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.528	165	282144	20.696	ng/ul	0.00
31) 4-Chloroaniline-d4	11.045	131	382480	18.291	ng/ul	0.00
46) Dimethylphthalate-d6	14.127	166	787099	20.930	ng/ul	0.00
49) Acenaphthylene-d8	14.416	160	949036	20.751	ng/ul	0.00
54) 4-Nitrophenol-d4	14.910	143	120720	15.466	ng/ul	0.00
60) Fluorene-d10	15.704	176	702383	20.588	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.821	200	99141	16.879	ng/ul	0.00
73) Anthracene-d10	17.557	188	1033685	20.159	ng/ul	0.00
81) Pyrene-d10	19.839	212	1029920	24.035	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.944	264	875393	19.628	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.463	88	39516	8.019	ng/uL	100
5) Pyridine	3.887	79	272986	18.722	ng/ul	100
6) Benzaldehyde	7.222	77	125037	13.359	ng/ul	100
8) Phenol	7.269	94	330590	16.645	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.504	93	275773	17.405	ng/ul	100
12) 2-Chlorophenol	7.651	128	284979	18.018	ng/ul	100
13) 2-Methylphenol	8.534	108	250846	15.836	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.628	45	516234	17.534	ng/ul	100
16) Acetophenone	8.922	105	415462	17.041	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.904	70	201711	16.426	ng/ul	100
18) 4-Methylphenol	8.863	108	276895	16.202	ng/ul	100
19) Hexachloroethane	9.181	117	113713	18.823	ng/ul	100
22) Nitrobenzene	9.304	77	299107	20.091	ng/ul	100
23) Isophorone	9.834	82	558180	17.427	ng/ul	100
25) 2-Nitrophenol	10.022	139	154399	19.382	ng/ul	100
26) 2,4-Dimethylphenol	10.075	107	299774	19.577	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.310	93	364777	18.860	ng/ul	100
29) 2,4-Dichlorophenol	10.551	162	275965	20.013	ng/ul	100
30) Naphthalene	10.963	128	946463	19.501	ng/ul	100
32) 4-Chloroaniline	11.069	127	383600	18.128	ng/ul	100
33) Hexachlorobutadiene	11.239	225	181349	21.232	ng/ul	100
34) Caprolactam	11.851	113	68071	13.595	ng/ul	100
35) 4-Chloro-3-methylphenol	12.180	107	258464	17.962	ng/ul	100
36) 2-Methylnaphthalene	12.557	142	623644	18.573	ng/ul	100

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.774	142	638645	19.003	ng/ul	100
39)	1,2,4,5-Tetrachloroben...	12.922	216	342135	21.814	ng/ul	100
40)	Hexachlorocyclopentadiene	12.898	237	172759	20.030	ng/ul	100
41)	2,4,6-Trichlorophenol	13.157	196	217074	21.200	ng/ul	100
42)	2,4,5-Trichlorophenol	13.227	196	226068	20.730	ng/ul	100
43)	1,1'-Biphenyl	13.557	154	852264	21.410	ng/ul	100
44)	2-Chloronaphthalene	13.604	162	656841	21.027	ng/ul	100
45)	2-Nitroaniline	13.804	65	165017	18.670	ng/ul	100
47)	Dimethylphthalate	14.169	163	767835	19.603	ng/ul	100
48)	2,6-Dinitrotoluene	14.292	165	153115	19.146	ng/ul	100
50)	Acenaphthylene	14.445	152	1045077	20.610	ng/ul	100
51)	3-Nitroaniline	14.621	138	132421	13.873	ng/ul	100
52)	Acenaphthene	14.780	153	719174	20.468	ng/ul	100
53)	2,4-Dinitrophenol	14.827	184	55348	11.850	ng/ul	100
55)	4-Nitrophenol	14.921	109	81965	17.036	ng/ul	100
56)	Dibenzofuran	15.116	168	994002	21.012	ng/ul	100
57)	2,4-Dinitrotoluene	15.074	165	210842	18.878	ng/ul	100
58)	2,3,4,6-Tetrachlorophenol	15.339	232	197266	20.566	ng/ul	100
59)	Diethylphthalate	15.527	149	780732	19.436	ng/ul	100
61)	Fluorene	15.763	166	823994	20.690	ng/ul	100
62)	4-Chlorophenyl-phenyle...	15.751	204	408948	21.539	ng/ul	100
63)	4-Nitroaniline	15.780	138	122290	12.735	ng/ul	100
66)	4,6-Dinitro-2-methylph...	15.833	198	96953	16.012	ng/ul	100
67)	N-Nitrosodiphenylamine	15.963	169	668556	20.806	ng/ul	100
68)	4-Bromophenyl-phenylether	16.645	248	243067	21.243	ng/ul	100
69)	Hexachlorobenzene	16.762	284	288010	21.555	ng/ul	100
70)	Atrazine	16.910	200	221966	20.059	ng/ul	100
71)	Pentachlorophenol	17.104	266	148101	18.021	ng/ul	100
72)	Phenanthrene	17.498	178	1204953	19.939	ng/ul	100
74)	Anthracene	17.592	178	1237466	20.073	ng/ul	100
75)	1,2,3,4-Tetrachloroben...	13.527	216	333647	22.193	ng/uL	100
76)	Pentachlorobenzene	15.033	250	343746	21.016	ng/uL	100
77)	Carbazole	17.857	167	1024468	18.058	ng/ul	100
78)	Di-n-butylphthalate	18.409	149	1286561	18.037	ng/ul	100
80)	Fluoranthene	19.503	202	1224229	23.390	ng/ul	100
82)	Pyrene	19.868	202	1274527	23.584	ng/ul	100
83)	Butylbenzylphthalate	20.745	149	464016	19.693	ng/ul	100
84)	3,3'-Dichlorobenzidine	21.539	252	323963	18.694	ng/ul	100
85)	Benzo(a)anthracene	21.609	228	1114081	21.049	ng/ul	100
86)	Bis(2-ethylhexyl)phtha...	21.515	149	667140	18.738	ng/ul	100
87)	Chrysene	21.662	228	1034279	20.993	ng/ul	100
89)	Di-n-octyl phthalate	22.468	149	1074550	16.772	ng/ul	100
90)	Benzo(b)fluoranthene	23.344	252	1115377	19.509	ng/ul	100
91)	Benzo(k)fluoranthene	23.397	252	1044657	18.941	ng/ul	100
93)	Benzo(a)pyrene	23.997	252	961701	19.397	ng/ul	100
94)	Indeno(1,2,3-cd)pyrene	26.709	276	1215001	21.798	ng/ul	100
95)	Dibenzo(a,h)anthracene	26.727	278	1029608	20.295	ng/ul	100
96)	Benzo(g,h,i)perylene	27.515	276	959097	19.717	ng/ul	100

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

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