Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP093022\
Data File : BP011846.D
Acq On : 30 Sep 2022 18:12
Operator : CG/JU
Sample : SSTD02058
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020619

Quant Time: Oct 01 00:03:36 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 30 23:58:42 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	235951	20.000	ng/ul	0.00
20) Naphthalene-d8	10.704	136	1099376	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.540	164	725838	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.298	188	1537351	20.000	ng/ul	0.00
79) Chrysene-d12	21.386	240	1586654	20.000	ng/ul	0.00
88) Perylene-d12	23.821	264	1728712	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	46726	8.740	ng/uL	0.00
4) Pyridine-d5	3.734	84	337961	22.736	ng/ul	0.00
7) Phenol-d5	7.058	99	434766	22.264	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.228	67	250980	21.516	ng/ul	0.00
11) 2-Chlorophenol-d4	7.422	132	355171	23.818	ng/ul	0.00
15) 4-Methylphenol-d8	8.605	113	366605	24.486	ng/ul	0.00
21) Nitrobenzene-d5	9.063	128	185562	25.899	ng/ul	0.00
24) 2-Nitrophenol-d4	9.787	143	199975	32.904	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.322	165	369550	23.752	ng/ul	0.00
31) 4-Chloroaniline-d4	10.846	131	558919	23.530	ng/ul	0.00
46) Dimethylphthalate-d6	13.951	166	1154712	23.635	ng/ul	0.00
49) Acenaphthylene-d8	14.234	160	1332849	22.842	ng/ul	0.00
54) 4-Nitrophenol-d4	14.740	143	232805	27.070	ng/ul	0.00
60) Fluorene-d10	15.534	176	999986	23.058	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.651	200	195615	34.379	ng/ul	0.00
73) Anthracene-d10	17.398	188	1576228	23.146	ng/ul	0.00
81) Pyrene-d10	19.633	212	1782517	21.986	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.663	264	1927558	22.953	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.340	88	49969	8.859	ng/uL	100
5) Pyridine	3.752	79	328839	22.397	ng/ul	100
6) Benzaldehyde	7.034	77	228858	25.695	ng/ul	100
8) Phenol	7.081	94	457373	22.941	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.316	93	372569	23.678	ng/ul	100
12) 2-Chlorophenol	7.458	128	380865	24.117	ng/ul	100
13) 2-Methylphenol	8.340	108	362702	23.897	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.428	45	372581	18.408	ng/ul	100
16) Acetophenone	8.728	105	583435	24.312	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.710	70	275724	24.673	ng/ul	100
18) 4-Methylphenol	8.669	108	402432	24.760	ng/ul	100
19) Hexachloroethane	8.981	117	140030	22.431	ng/ul	100
22) Nitrobenzene	9.105	77	400458	23.672	ng/ul	100
23) Isophorone	9.634	82	818382	23.877	ng/ul	100
25) 2-Nitrophenol	9.816	139	230859	31.483	ng/ul	100
26) 2,4-Dimethylphenol	9.875	107	428212	23.166	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.116	93	526112	23.686	ng/ul	100
29) 2,4-Dichlorophenol	10.352	162	382890	24.063	ng/ul	100
30) Naphthalene	10.757	128	1308500	23.131	ng/ul	100
32) 4-Chloroaniline	10.869	127	575411	23.710	ng/ul	100
33) Hexachlorobutadiene	11.040	225	219721	20.734	ng/ul	100
34) Caprolactam	11.651	113	130219	27.846	ng/ul	100
35) 4-Chloro-3-methylphenol	11.987	107	405580	25.638	ng/ul	100
36) 2-Methylnaphthalene	12.363	142	915438	24.152	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.587	142	919649	24.207	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.734	216	464398	21.018	ng/ul	100
40) Hexachlorocyclopentadiene	12.710	237	255281	19.432	ng/ul	100
41) 2,4,6-Trichlorophenol	12.975	196	311423	24.923	ng/ul	100
42) 2,4,5-Trichlorophenol	13.045	196	339991	24.773	ng/ul	100
43) 1,1'-Biphenyl	13.375	154	1198633	21.909	ng/ul	100
44) 2-Chloronaphthalene	13.416	162	947611	22.619	ng/ul	100
45) 2-Nitroaniline	13.622	65	236080	27.203	ng/ul	100
47) Dimethylphthalate	13.998	163	1204055	24.078	ng/ul	100
48) 2,6-Dinitrotoluene	14.122	165	235738	29.417	ng/ul	100
50) Acenaphthylene	14.263	152	1484022	22.279	ng/ul	100
51) 3-Nitroaniline	14.451	138	273256	28.504	ng/ul	100
52) Acenaphthene	14.604	153	1033894	23.735	ng/ul	100
53) 2,4-Dinitrophenol	14.651	184	140397	40.016	ng/ul	100
55) 4-Nitrophenol	14.751	109	158854	24.292	ng/ul	100
56) Dibenzofuran	14.940	168	1413762	22.880	ng/ul	100
57) 2,4-Dinitrotoluene	14.904	165	346857	31.083	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.163	232	295621	28.605	ng/ul	100
59) Diethylphthalate	15.363	149	1216954	24.991	ng/ul	100
61) Fluorene	15.592	166	1168986	23.405	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.587	204	570464	22.536	ng/ul	100
63) 4-Nitroaniline	15.616	138	275840	30.488	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.669	198	211501	34.317	ng/ul	100
67) N-Nitrosodiphenylamine	15.804	169	1020628	23.222	ng/ul	100
68) 4-Bromophenyl-phenylether	16.486	248	343249	21.647	ng/ul	100
69) Hexachlorobenzene	16.598	284	389782	20.719	ng/ul	100
70) Atrazine	16.757	200	363037	22.762	ng/ul	100
71) Pentachlorophenol	16.945	266	247406	24.608	ng/ul	100
72) Phenanthrene	17.339	178	1892257	23.560	ng/ul	100
74) Anthracene	17.433	178	1923676	23.923	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.340	216	468359	19.832	ng/uL	100
76) Pentachlorobenzene	14.857	250	501846	22.502	ng/uL	100
77) Carbazole	17.704	167	1773427	25.026	ng/ul	100
78) Di-n-butylphthalate	18.251	149	2131692	26.502	ng/ul	100
80) Fluoranthene	19.304	202	2196924	22.560	ng/ul	100
82) Pyrene	19.657	202	2288921	22.785	ng/ul	100
83) Butylbenzylphthalate	20.533	149	999719	30.694	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.304	252	825872	29.921	ng/ul	100
85) Benzo(a)anthracene	21.369	228	2314931	24.105	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.286	149	1510834	29.077	ng/ul	100
87) Chrysene	21.422	228	2188350	23.597	ng/ul	100
89) Di-n-octyl phthalate	22.227	149	2609622	27.475	ng/ul	100
90) Benzo(b)fluoranthene	23.074	252	2444917	22.636	ng/ul	100
91) Benzo(k)fluoranthene	23.121	252	2432288	23.524	ng/ul	100
93) Benzo(a)pyrene	23.715	252	2203385	21.044	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.362	276	2788465	23.075	ng/ul	100
95) Dibenzo(a,h)anthracene	26.380	278	2497548	23.972	ng/ul	100
96) Benzo(g,h,i)perylene	27.145	276	2453591	24.340	ng/ul	100

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

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