Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101122\
Data File : BP012071.D
Acq On : 12 Oct 2022 09:24
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020775

Quant Time: Oct 12 23:05:14 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101122.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 12 23:03:21 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.852	152	251883	20.000	ng/ul	0.00
20) Naphthalene-d8	10.657	136	1008239	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.498	164	580178	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.257	188	1191886	20.000	ng/ul	0.00
79) Chrysene-d12	21.345	240	1298729	20.000	ng/ul	0.00
88) Perylene-d12	23.763	264	1375986	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	52146	8.162	ng/uL	0.00
4) Pyridine-d5	3.699	84	350669	20.640	ng/ul	0.00
7) Phenol-d5	7.016	99	402587	19.873	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.187	67	230246	20.024	ng/ul	0.00
11) 2-Chlorophenol-d4	7.381	132	329238	20.475	ng/ul	0.00
15) 4-Methylphenol-d8	8.563	113	305400	19.627	ng/ul	0.00
21) Nitrobenzene-d5	9.022	128	147813	20.758	ng/ul	0.00
24) 2-Nitrophenol-d4	9.746	143	151914	21.040	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.281	165	293469	20.972	ng/ul	0.00
31) 4-Chloroaniline-d4	10.804	131	424863	20.604	ng/ul	0.00
46) Dimethylphthalate-d6	13.916	166	748562	20.373	ng/ul	0.00
49) Acenaphthylene-d8	14.193	160	935825	20.596	ng/ul	0.00
54) 4-Nitrophenol-d4	14.710	143	158090	21.916	ng/ul	0.00
60) Fluorene-d10	15.498	176	695147	20.911	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.622	200	116017	18.434	ng/ul	0.00
73) Anthracene-d10	17.357	188	1073651	20.744	ng/ul	0.00
81) Pyrene-d10	19.592	212	1289748	19.385	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.610	264	1348805	20.165	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.311	88	54131	8.052	ng/uL	98
5) Pyridine	3.717	79	339460	20.853	ng/ul	98
6) Benzaldehyde	6.993	77	213935	22.508	ng/ul	95
8) Phenol	7.046	94	423631	19.919	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.281	93	334172	19.916	ng/ul	98
12) 2-Chlorophenol	7.416	128	358057	20.517	ng/ul	98
13) 2-Methylphenol	8.299	108	311818	19.658	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.381	45	343215	19.956	ng/ul	99
16) Acetophenone	8.681	105	475833	19.835	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.663	70	213377	19.529	ng/ul	100
18) 4-Methylphenol	8.628	108	338171	19.780	ng/ul	98
19) Hexachloroethane	8.934	117	132877	19.725	ng/ul	99
22) Nitrobenzene	9.063	77	343178	21.024	ng/ul	100
23) Isophorone	9.593	82	586800	20.267	ng/ul	100
25) 2-Nitrophenol	9.775	139	177177	20.887	ng/ul	99
26) 2,4-Dimethylphenol	9.834	107	342965	20.760	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.075	93	400805	20.173	ng/ul	99
29) 2,4-Dichlorophenol	10.310	162	305867	20.800	ng/ul	98
30) Naphthalene	10.710	128	1093585	20.526	ng/ul	99
32) 4-Chloroaniline	10.828	127	440960	20.741	ng/ul	100
33) Hexachlorobutadiene	10.993	225	179457	19.680	ng/ul	98
34) Caprolactam	11.616	113	91473	22.637	ng/ul	97
35) 4-Chloro-3-methylphenol	11.951	107	300558	21.574	ng/ul	99
36) 2-Methylnaphthalene	12.322	142	700000	20.404	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.540	142	707029	20.579	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.687	216	351979	19.846	ng/ul	99
40) Hexachlorocyclopentadiene	12.663	237	155544	18.056	ng/ul	99
41) 2,4,6-Trichlorophenol	12.934	196	221498	20.733	ng/ul	98
42) 2,4,5-Trichlorophenol	13.004	196	242196	20.860	ng/ul	99
43) 1,1'-Biphenyl	13.334	154	874304	19.961	ng/ul	100
44) 2-Chloronaphthalene	13.375	162	709087	20.273	ng/ul	100
45) 2-Nitroaniline	13.587	65	163831	21.958	ng/ul	97
47) Dimethylphthalate	13.963	163	796880	20.585	ng/ul	100
48) 2,6-Dinitrotoluene	14.087	165	148122	21.611	ng/ul	97
50) Acenaphthylene	14.222	152	1075275	20.915	ng/ul	100
51) 3-Nitroaniline	14.416	138	173186	21.700	ng/ul	100
52) Acenaphthene	14.563	153	748563	20.453	ng/ul	100
53) 2,4-Dinitrophenol	14.622	184	92967	20.996	ng/ul	98
55) 4-Nitrophenol	14.722	109	112388	22.536	ng/ul	97
56) Dibenzofuran	14.898	168	1016129	20.543	ng/ul	98
57) 2,4-Dinitrotoluene	14.875	165	223777	22.718	ng/ul#	96
58) 2,3,4,6-Tetrachlorophenol	15.128	232	197021	21.771	ng/ul	98
59) Diethylphthalate	15.328	149	758622	21.398	ng/ul	99
61) Fluorene	15.551	166	829784	21.371	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.545	204	389473	20.735	ng/ul	99
63) 4-Nitroaniline	15.581	138	186653	25.613	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.634	198	127884	18.796	ng/ul	100
67) N-Nitrosodiphenylamine	15.763	169	694162	19.677	ng/ul	99
68) 4-Bromophenyl-phenylether	16.445	248	222655	19.198	ng/ul	98
69) Hexachlorobenzene	16.557	284	260060	19.319	ng/ul	100
70) Atrazine	16.722	200	217337	20.034	ng/ul	100
71) Pentachlorophenol	16.910	266	157622	19.985	ng/ul	98
72) Phenanthrene	17.304	178	1337397	20.633	ng/ul	99
74) Anthracene	17.392	178	1342336	20.927	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.298	216	349342	18.138	ng/uL	99
76) Pentachlorobenzene	14.816	250	350081	18.508	ng/uL	100
77) Carbazole	17.669	167	1251579	21.877	ng/ul	100
78) Di-n-butylphthalate	18.216	149	1220484	21.498	ng/ul	100
80) Fluoranthene	19.269	202	1561177	19.149	ng/ul	98
82) Pyrene	19.622	202	1678957	19.460	ng/ul	96
83) Butylbenzylphthalate	20.498	149	573234	20.959	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.269	252	523450	18.291	ng/ul#	99
85) Benzo(a)anthracene	21.333	228	1704264	20.848	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.251	149	801895	21.749	ng/ul	98
87) Chrysene	21.386	228	1611527	20.480	ng/ul	99
89) Di-n-octyl phthalate	22.180	149	1398423	20.300	ng/ul	100
90) Benzo(b)fluoranthene	23.027	252	1790644	20.559	ng/ul	99
91) Benzo(k)fluoranthene	23.074	252	1714172	20.009	ng/ul	99
93) Benzo(a)pyrene	23.657	252	1590339	20.466	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.280	276	1958122	19.930	ng/ul	95
95) Dibenzo(a,h)anthracene	26.298	278	1755104	19.912	ng/ul	97
96) Benzo(g,h,i)perylene	27.057	276	1719419	19.409	ng/ul#	95

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

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