Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012225\
Data File : BP023700.D
Acq On : 22 Jan 2025 11:44
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020775

Quant Time: Jan 22 23:33:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012225.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 22 23:30:27 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.799	152	781277	20.000	ng/ul	0.00
20) Naphthalene-d8	10.575	136	3568901	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.422	164	2396309	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.222	188	4527749	20.000	ng/ul	0.01
79) Chrysene-d12	21.651	240	4183810	20.000	ng/ul	0.00
88) Perylene-d12	25.021	264	3393682	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.311	96	153579	7.917	ng/uL	0.01
4) Pyridine-d5	3.711	84	1167255	20.853	ng/ul	0.00
7) Phenol-d5	6.963	99	1435427	21.713	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.128	67	837946	22.440	ng/ul	0.00
11) 2-Chlorophenol-d4	7.334	132	1130710	22.498	ng/ul	0.00
15) 4-Methylphenol-d8	8.487	113	1215465	23.381	ng/ul	0.00
21) Nitrobenzene-d5	8.940	128	585410	21.771	ng/ul	0.00
24) 2-Nitrophenol-d4	9.651	143	583504	23.670	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.193	165	1172992	22.637	ng/ul	0.00
31) 4-Chloroaniline-d4	10.698	131	1842343	22.232	ng/ul	0.00
46) Dimethylphthalate-d6	13.828	166	3635597	21.096	ng/ul	0.00
49) Acenaphthylene-d8	14.110	160	4252654	21.322	ng/ul	0.00
54) 4-Nitrophenol-d4	14.616	143	688655	19.887	ng/ul	0.01
60) Fluorene-d10	15.428	176	3149056	21.346	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.545	200	455039	20.408	ng/ul	0.01
73) Anthracene-d10	17.328	188	4827808	22.210	ng/ul	0.02
81) Pyrene-d10	19.680	212	5159138	24.234	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.798	264	3743290	22.037	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.346	88	162363	7.912	ng/uL	95
5) Pyridine	3.734	79	1172276	20.715	ng/ul	98
6) Benzaldehyde	6.940	77	878795	26.394	ng/ul	99
8) Phenol	6.987	94	1523251	22.020	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.222	93	1208487	22.457	ng/ul	100
12) 2-Chlorophenol	7.363	128	1178874	22.127	ng/ul	99
13) 2-Methylphenol	8.228	108	1141485	22.740	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.310	45	1298317	23.260	ng/ul	100
16) Acetophenone	8.604	105	1993220	23.875	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.599	70	967627	25.052	ng/ul	99
18) 4-Methylphenol	8.552	108	1295064	23.204	ng/ul	96
19) Hexachloroethane	8.875	117	462102	21.222	ng/ul	99
22) Nitrobenzene	8.981	77	1347132	21.443	ng/ul	98
23) Isophorone	9.510	82	2782891	23.290	ng/ul	99
25) 2-Nitrophenol	9.687	139	663992	22.942	ng/ul	97
26) 2,4-Dimethylphenol	9.746	107	1365819	22.769	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.981	93	1749979	22.601	ng/ul	100
29) 2,4-Dichlorophenol	10.216	162	1188200	22.181	ng/ul	100
30) Naphthalene	10.622	128	4051946	21.097	ng/ul	99
32) 4-Chloroaniline	10.722	127	1751904	22.144	ng/ul	98
33) Hexachlorobutadiene	10.916	225	698696	20.720	ng/ul	99
34) Caprolactam	11.481	113	437653	22.573	ng/ul	100
35) 4-Chloro-3-methylphenol	11.840	107	1301215	23.448	ng/ul	99
36) 2-Methylnaphthalene	12.234	142	2912922	22.460	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.451	142	2893838	22.321	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.604	216	1478029	20.765	ng/ul	99
40) Hexachlorocyclopentadiene	12.592	237	751385	20.718	ng/ul	100
41) 2,4,6-Trichlorophenol	12.840	196	929422	22.210	ng/ul	98
42) 2,4,5-Trichlorophenol	12.910	196	1011423	21.882	ng/ul	99
43) 1,1'-Biphenyl	13.251	154	3753952	20.820	ng/ul	99
44) 2-Chloronaphthalene	13.292	162	2886836	20.564	ng/ul	99
45) 2-Nitroaniline	13.481	65	741270	22.235	ng/ul	98
47) Dimethylphthalate	13.875	163	3655897	21.131	ng/ul	100
48) 2,6-Dinitrotoluene	13.987	165	688633	22.316	ng/ul	100
50) Acenaphthylene	14.139	152	4553629	21.057	ng/ul	100
51) 3-Nitroaniline	14.316	138	780006	21.659	ng/ul	100
52) Acenaphthene	14.487	153	3196548	20.906	ng/ul	99
53) 2,4-Dinitrophenol	14.522	184	280884	18.541	ng/ul	99
55) 4-Nitrophenol	14.628	109	519648	20.449	ng/ul	95
56) Dibenzofuran	14.828	168	4355218	20.709	ng/ul	98
57) 2,4-Dinitrotoluene	14.781	165	1034370	22.405	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.057	232	828006	21.812	ng/ul	96
59) Diethylphthalate	15.263	149	3597457	21.141	ng/ul	100
61) Fluorene	15.486	166	3742769	21.356	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.486	204	1837382	21.419	ng/ul	98
63) 4-Nitroaniline	15.498	138	798933	21.804	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.563	198	522202	20.825	ng/ul#	96
67) N-Nitrosodiphenylamine	15.698	169	3029422	22.277	ng/ul	100
68) 4-Bromophenyl-phenylether	16.404	248	1080976	22.299	ng/ul	98
69) Hexachlorobenzene	16.516	284	1286425	21.807	ng/ul	99
70) Atrazine	16.681	200	1133412	22.596	ng/ul	99
71) Pentachlorophenol	16.863	266	732793	20.565	ng/ul	99
72) Phenanthrene	17.269	178	5516241	21.564	ng/ul	100
74) Anthracene	17.357	178	5582936	21.971	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.216	216	1455997	22.165	ng/uL	99
76) Pentachlorobenzene	14.745	250	1539599	22.064	ng/uL	99
77) Carbazole	17.633	167	5061196	22.690	ng/ul	99
78) Di-n-butylphthalate	18.233	149	6112685	24.069	ng/ul	100
80) Fluoranthene	19.333	202	6072788	25.087	ng/ul	97
82) Pyrene	19.710	202	6527157	24.827	ng/ul	99
83) Butylbenzylphthalate	20.663	149	2351826	24.804	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.551	252	1500879	20.327	ng/ul	100
85) Benzo(a)anthracene	21.633	228	5755359	21.699	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.592	149	3316654	23.456	ng/ul	98
87) Chrysene	21.698	228	5354195	21.562	ng/ul	100
89) Di-n-octyl phthalate	22.886	149	4503338	26.488	ng/ul	100
90) Benzo(b)fluoranthene	23.962	252	4707811	23.352	ng/ul	100
91) Benzo(k)fluoranthene	24.033	252	4796920	23.081	ng/ul	99
93) Benzo(a)pyrene	24.868	252	4153273	21.889	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.856	276	3586246	15.230	ng/ul	100
95) Dibenzo(a,h)anthracene	28.927	278	3567021	18.661	ng/ul	100
96) Benzo(g,h,i)perylene	30.033	276	3299345	18.190	ng/ul	99

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

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