Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032125\
Data File : BP024203.D
Acq On : 21 Mar 2025 14:43
Operator : RC/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020670

Quant Time: Mar 21 15:34:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030425.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 21 12:21:24 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	267979	20.000	ng/ul	0.00
20) Naphthalene-d8	10.522	136	1314656	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.387	164	962020	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.192	188	2156602	20.000	ng/ul	0.00
79) Chrysene-d12	21.645	240	2618048	20.000	ng/ul	0.00
88) Perylene-d12	25.027	264	2782116	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	57094	8.487	ng/uL	0.00
4) Pyridine-d5	3.675	84	422952	21.855	ng/ul	0.00
7) Phenol-d5	6.922	99	538495	22.648	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.075	67	324925	24.815	ng/ul	0.00
11) 2-Chlorophenol-d4	7.281	132	417438	22.871	ng/ul	0.00
15) 4-Methylphenol-d8	8.446	113	460055	24.506	ng/ul	0.00
21) Nitrobenzene-d5	8.893	128	226533	21.340	ng/ul	0.00
24) 2-Nitrophenol-d4	9.605	143	238630	21.532	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.152	165	439306	22.045	ng/ul	0.00
31) 4-Chloroaniline-d4	10.657	131	714822	23.470	ng/ul	0.00
46) Dimethylphthalate-d6	13.793	166	1625867	23.323	ng/ul	0.00
49) Acenaphthylene-d8	14.081	160	1747895	21.617	ng/ul	0.00
54) 4-Nitrophenol-d4	14.598	143	333914	23.397	ng/ul	0.00
60) Fluorene-d10	15.398	176	1380093	23.301	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.522	200	285837	20.993	ng/ul	0.00
73) Anthracene-d10	17.298	188	2299821	21.852	ng/ul	0.00
81) Pyrene-d10	19.663	212	2858497	21.793	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.798	264	3252190	22.548	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	61048	8.605	ng/uL	97
5) Pyridine	3.693	79	435736	22.236	ng/ul	100
6) Benzaldehyde	6.893	77	341824	27.883	ng/ul	99
8) Phenol	6.946	94	578889	23.429	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.169	93	454236	24.164	ng/ul	99
12) 2-Chlorophenol	7.316	128	441160	23.175	ng/ul	99
13) 2-Methylphenol	8.187	108	426275	23.607	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.258	45	509726	25.856	ng/ul	100
16) Acetophenone	8.558	105	752793	25.907	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.540	70	377573	27.706	ng/ul	99
18) 4-Methylphenol	8.510	108	493936	24.685	ng/ul	100
19) Hexachloroethane	8.816	117	170335	22.442	ng/ul	96
22) Nitrobenzene	8.934	77	528577	22.143	ng/ul	97
23) Isophorone	9.457	82	1067341	23.871	ng/ul	98
25) 2-Nitrophenol	9.640	139	270382	22.030	ng/ul	98
26) 2,4-Dimethylphenol	9.705	107	497809	22.630	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.934	93	662862	23.303	ng/ul	99
29) 2,4-Dichlorophenol	10.175	162	446899	21.958	ng/ul	99
30) Naphthalene	10.569	128	1555803	21.856	ng/ul	100
32) 4-Chloroaniline	10.681	127	682591	23.493	ng/ul	100
33) Hexachlorobutadiene	10.857	225	251422	20.175	ng/ul	98
34) Caprolactam	11.457	113	197550	25.560	ng/ul	95
35) 4-Chloro-3-methylphenol	11.816	107	532446	25.144	ng/ul	98
36) 2-Methylnaphthalene	12.187	142	1124544	23.415	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.404	142	1117103	23.532	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.563	216	550649	18.940	ng/ul	99
40) Hexachlorocyclopentadiene	12.546	237	269421	17.832	ng/ul	98
41) 2,4,6-Trichlorophenol	12.804	196	374954	20.502	ng/ul	100
42) 2,4,5-Trichlorophenol	12.881	196	418875	21.040	ng/ul	97
43) 1,1'-Biphenyl	13.210	154	1501284	20.522	ng/ul	99
44) 2-Chloronaphthalene	13.251	162	1159866	20.440	ng/ul	99
45) 2-Nitroaniline	13.457	65	345247	23.386	ng/ul	97
47) Dimethylphthalate	13.840	163	1621887	23.257	ng/ul	100
48) 2,6-Dinitrotoluene	13.957	165	327744	23.964	ng/ul	97
50) Acenaphthylene	14.110	152	1911285	21.817	ng/ul	99
51) 3-Nitroaniline	14.293	138	373602	23.497	ng/ul	99
52) Acenaphthene	14.451	153	1342232	21.765	ng/ul	99
53) 2,4-Dinitrophenol	14.504	184	177328	20.799	ng/ul	97
55) 4-Nitrophenol	14.616	109	230946	23.343	ng/ul	98
56) Dibenzofuran	14.798	168	1879965	22.108	ng/ul	99
57) 2,4-Dinitrotoluene	14.757	165	510598	25.082	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.028	232	384066	23.458	ng/ul	99
59) Diethylphthalate	15.228	149	1708593	24.748	ng/ul	100
61) Fluorene	15.457	166	1572500	22.619	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.451	204	737936	21.973	ng/ul	96
63) 4-Nitroaniline	15.475	138	395118	25.254	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.534	198	310746	20.913	ng/ul	98
67) N-Nitrosodiphenylamine	15.669	169	1375429	20.919	ng/ul	99
68) 4-Bromophenyl-phenylether	16.363	248	488563	20.559	ng/ul	96
69) Hexachlorobenzene	16.481	284	602025	20.857	ng/ul	96
70) Atrazine	16.645	200	565034	23.735	ng/ul	98
71) Pentachlorophenol	16.834	266	385136	21.257	ng/ul	99
72) Phenanthrene	17.234	178	2690655	21.823	ng/ul	100
74) Anthracene	17.334	178	2696589	21.708	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.175	216	566829	17.454	ng/uL	99
76) Pentachlorobenzene	14.710	250	643548	18.951	ng/uL	100
77) Carbazole	17.610	167	2574773	22.828	ng/ul	99
78) Di-n-butylphthalate	18.198	149	3200928	24.365	ng/ul	100
80) Fluoranthene	19.322	202	3332642	21.794	ng/ul	98
82) Pyrene	19.692	202	3545911	21.518	ng/ul	98
83) Butylbenzylphthalate	20.645	149	1598668	24.060	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.545	252	1068777	20.409	ng/ul	99
85) Benzo(a)anthracene	21.622	228	3723891	21.740	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.563	149	2411024	24.180	ng/ul	100
87) Chrysene	21.692	228	3443823	21.404	ng/ul	99
89) Di-n-octyl phthalate	22.863	149	3905132	24.044	ng/ul	100
90) Benzo(b)fluoranthene	23.957	252	3858071	23.315	ng/ul	100
91) Benzo(k)fluoranthene	24.033	252	3819414	22.740	ng/ul	100
93) Benzo(a)pyrene	24.868	252	3510967	22.439	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.880	276	4278805m	20.681	ng/ul	
95) Dibenzo(a,h)anthracene	28.968	278	3511714m	20.905	ng/ul	
96) Benzo(g,h,i)perylene	30.080	276	3290464	20.494	ng/ul	98

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

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