Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030425\
Data File : BP024153.D
Acq On : 04 Mar 2025 18:16
Operator : RC/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020664

Quant Time: Mar 05 08:50:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030425.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 04 14:51:41 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.752	152	265637	20.000	ng/ul	0.00
20) Naphthalene-d8	10.534	136	1248037	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.398	164	848708	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.198	188	1760454	20.000	ng/ul	0.00
79) Chrysene-d12	21.669	240	1939367	20.000	ng/ul	0.02
88) Perylene-d12	25.063	264	2078390	20.000	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.270	96	55028	8.252	ng/uL	0.00
4) Pyridine-d5	3.681	84	419623	21.875	ng/ul	0.00
7) Phenol-d5	6.928	99	525841	22.311	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.087	67	304774	23.481	ng/ul	0.00
11) 2-Chlorophenol-d4	7.293	132	412344	22.791	ng/ul	0.00
15) 4-Methylphenol-d8	8.458	113	435381	23.396	ng/ul	0.00
21) Nitrobenzene-d5	8.899	128	217660	21.599	ng/ul	0.00
24) 2-Nitrophenol-d4	9.616	143	228657	21.733	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.157	165	421917	22.303	ng/ul	0.00
31) 4-Chloroaniline-d4	10.663	131	654799	22.647	ng/ul	0.00
46) Dimethylphthalate-d6	13.798	166	1382098	22.473	ng/ul	0.00
49) Acenaphthylene-d8	14.081	160	1579195	22.138	ng/ul	0.00
54) 4-Nitrophenol-d4	14.604	143	273686	21.737	ng/ul	0.00
60) Fluorene-d10	15.404	176	1166625	22.327	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.522	200	221355	19.915	ng/ul	0.00
73) Anthracene-d10	17.304	188	1883827	21.927	ng/ul	0.00
81) Pyrene-d10	19.680	212	2198918	22.631	ng/ul	0.01
92) Benzo(a)pyrene-d12	24.839	264	2392024	22.199	ng/ul	0.04
Target Compounds						Qvalue
2) 1,4-Dioxane	3.305	88	58667	8.342	ng/uL	99
5) Pyridine	3.699	79	423181	21.786	ng/ul	99
6) Benzaldehyde	6.899	77	332671	27.375	ng/ul	99
8) Phenol	6.958	94	557056	22.744	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.181	93	433130	23.244	ng/ul	100
12) 2-Chlorophenol	7.322	128	434198	23.011	ng/ul	99
13) 2-Methylphenol	8.193	108	410865	22.954	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.269	45	471672	24.137	ng/ul	99
16) Acetophenone	8.569	105	715915	24.855	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.552	70	347564	25.729	ng/ul	98
18) 4-Methylphenol	8.522	108	473617	23.878	ng/ul	98
19) Hexachloroethane	8.828	117	168899	22.449	ng/ul	100
22) Nitrobenzene	8.940	77	500402	22.082	ng/ul	99
23) Isophorone	9.469	82	975596	22.984	ng/ul	99
25) 2-Nitrophenol	9.652	139	259196	22.246	ng/ul	99
26) 2,4-Dimethylphenol	9.710	107	473405	22.670	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.946	93	608307	22.527	ng/ul	99
29) 2,4-Dichlorophenol	10.187	162	429584	22.234	ng/ul	99
30) Naphthalene	10.581	128	1488268	22.023	ng/ul	100
32) 4-Chloroaniline	10.687	127	627644	22.755	ng/ul	99
33) Hexachlorobutadiene	10.869	225	249572	21.095	ng/ul	99
34) Caprolactam	11.463	113	169479	23.098	ng/ul	96
35) 4-Chloro-3-methylphenol	11.828	107	473377	23.548	ng/ul	99
36) 2-Methylnaphthalene	12.198	142	1031587	22.626	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.416	142	1037793	23.029	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.569	216	522509	20.372	ng/ul	99
40) Hexachlorocyclopentadiene	12.551	237	258176	19.369	ng/ul	98
41) 2,4,6-Trichlorophenol	12.810	196	342017	21.197	ng/ul	99
42) 2,4,5-Trichlorophenol	12.887	196	375606	21.386	ng/ul	99
43) 1,1'-Biphenyl	13.210	154	1361322	21.093	ng/ul	99
44) 2-Chloronaphthalene	13.251	162	1059002	21.154	ng/ul	100
45) 2-Nitroaniline	13.463	65	293358	22.525	ng/ul	95
47) Dimethylphthalate	13.845	163	1389868	22.591	ng/ul	99
48) 2,6-Dinitrotoluene	13.957	165	275787	22.857	ng/ul	99
50) Acenaphthylene	14.110	152	1705804	22.071	ng/ul	100
51) 3-Nitroaniline	14.293	138	310104	22.107	ng/ul	99
52) Acenaphthene	14.457	153	1180478	21.698	ng/ul	99
53) 2,4-Dinitrophenol	14.510	184	143033	19.016	ng/ul	92
55) 4-Nitrophenol	14.616	109	193134	22.128	ng/ul	97
56) Dibenzofuran	14.798	168	1631574	21.749	ng/ul	100
57) 2,4-Dinitrotoluene	14.763	165	417949	23.272	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.034	232	322615	22.336	ng/ul	98
59) Diethylphthalate	15.228	149	1408205	23.120	ng/ul	99
61) Fluorene	15.457	166	1377766	22.464	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.451	204	655669	22.130	ng/ul	97
63) 4-Nitroaniline	15.475	138	340408	24.662	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.540	198	248677	20.502	ng/ul	97
67) N-Nitrosodiphenylamine	15.669	169	1157274	21.561	ng/ul	100
68) 4-Bromophenyl-phenylether	16.369	248	417482	21.522	ng/ul	97
69) Hexachlorobenzene	16.486	284	501954	21.303	ng/ul	95
70) Atrazine	16.651	200	441060	22.697	ng/ul	98
71) Pentachlorophenol	16.839	266	299087	20.223	ng/ul	100
72) Phenanthrene	17.245	178	2161655	21.478	ng/ul	100
74) Anthracene	17.339	178	2225577	21.947	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.181	216	528237	19.926	ng/uL	99
76) Pentachlorobenzene	14.716	250	575409	20.757	ng/uL	99
77) Carbazole	17.622	167	2045814	22.220	ng/ul	99
78) Di-n-butylphthalate	18.210	149	2378135	22.176	ng/ul	100
80) Fluoranthene	19.333	202	2549495	22.507	ng/ul	98
82) Pyrene	19.710	202	2731161	22.374	ng/ul	99
83) Butylbenzylphthalate	20.663	149	1111040	22.573	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.563	252	844994	21.783	ng/ul	98
85) Benzo(a)anthracene	21.651	228	2802375	22.085	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.586	149	1625985	22.013	ng/ul	99
87) Chrysene	21.716	228	2616292	21.952	ng/ul	100
89) Di-n-octyl phthalate	22.892	149	2664199	21.958	ng/ul	100
90) Benzo(b)fluoranthene	23.992	252	2776460	22.460	ng/ul	100
91) Benzo(k)fluoranthene	24.063	252	2805024	22.356	ng/ul	100
93) Benzo(a)pyrene	24.904	252	2611339	22.340	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.927	276	3254499	21.056	ng/ul	99
95) Dibenzo(a,h)anthracene	28.992	278	2659721	21.194	ng/ul	98
96) Benzo(g,h,i)perylene	30.109	276	2521054	21.019	ng/ul	98

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

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