Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021225\
Data File : BP024055.D
Acq On : 12 Feb 2025 18:24
Operator : RC/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020660

Quant Time: Feb 14 10:54:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 13 12:56:03 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.764	152	479035	20.000	ng/ul	0.00
20) Naphthalene-d8	10.534	136	1993800	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.381	164	1237202	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.175	188	2520283	20.000	ng/ul	0.00
79) Chrysene-d12	21.610	240	2596844	20.000	ng/ul	0.00
88) Perylene-d12	24.957	264	2830536	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.287	96	97521	8.458	ng/uL	0.00
4) Pyridine-d5	3.699	84	706290	21.230	ng/ul	0.00
7) Phenol-d5	6.946	99	880930	20.780	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.099	67	472937	21.076	ng/ul	0.00
11) 2-Chlorophenol-d4	7.305	132	723616	21.737	ng/ul	0.00
15) 4-Methylphenol-d8	8.469	113	697023	20.127	ng/ul	0.00
21) Nitrobenzene-d5	8.905	128	340373	21.338	ng/ul	0.00
24) 2-Nitrophenol-d4	9.622	143	355664	20.663	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.163	165	692923	21.945	ng/ul	0.00
31) 4-Chloroaniline-d4	10.663	131	1009002	21.367	ng/ul	0.00
46) Dimethylphthalate-d6	13.787	166	1919552	20.801	ng/ul	0.00
49) Acenaphthylene-d8	14.069	160	2284432	21.948	ng/ul	0.00
54) 4-Nitrophenol-d4	14.598	143	345317	18.842	ng/ul	0.00
60) Fluorene-d10	15.393	176	1677894	21.591	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.504	200	273192	17.571	ng/ul	0.00
73) Anthracene-d10	17.275	188	2685264	21.700	ng/ul	0.00
81) Pyrene-d10	19.645	212	3099513	22.276	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.727	264	3190144	21.601	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.323	88	101756	8.392	ng/uL	98
5) Pyridine	3.717	79	711555	21.363	ng/ul	99
6) Benzaldehyde	6.917	77	541679	26.034	ng/ul	100
8) Phenol	6.975	94	911006	20.928	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.193	93	693442	20.927	ng/ul	100
12) 2-Chlorophenol	7.334	128	748228	21.816	ng/ul	99
13) 2-Methylphenol	8.205	108	669832	20.451	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.275	45	718457	21.016	ng/ul	99
16) Acetophenone	8.575	105	1099085	20.761	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.558	70	507750	20.368	ng/ul	98
18) 4-Methylphenol	8.528	108	750417	20.650	ng/ul	98
19) Hexachloroethane	8.834	117	289263	21.330	ng/ul	97
22) Nitrobenzene	8.946	77	770255	22.250	ng/ul	98
23) Isophorone	9.469	82	1433525	20.509	ng/ul	99
25) 2-Nitrophenol	9.658	139	396536	21.121	ng/ul	100
26) 2,4-Dimethylphenol	9.716	107	755984	21.756	ng/ul	100
27) Bis(2-Chloroethoxy)met...	9.946	93	909339	20.886	ng/ul	100
29) 2,4-Dichlorophenol	10.187	162	701665	21.913	ng/ul	98
30) Naphthalene	10.581	128	2326097	21.796	ng/ul	100
32) 4-Chloroaniline	10.693	127	972660	21.826	ng/ul	98
33) Hexachlorobutadiene	10.869	225	419118	21.621	ng/ul	100
34) Caprolactam	11.463	113	229710	18.517	ng/ul	99
35) 4-Chloro-3-methylphenol	11.822	107	719603	20.906	ng/ul	99
36) 2-Methylnaphthalene	12.193	142	1575534	20.996	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.410	142	1570241	21.094	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.563	216	825671	22.575	ng/ul	99
40) Hexachlorocyclopentadiene	12.546	237	482325	23.402	ng/ul	100
41) 2,4,6-Trichlorophenol	12.804	196	532557	21.798	ng/ul	100
42) 2,4,5-Trichlorophenol	12.881	196	589081	22.370	ng/ul	99
43) 1,1'-Biphenyl	13.204	154	2053612	22.362	ng/ul	100
44) 2-Chloronaphthalene	13.246	162	1614686	22.565	ng/ul	99
45) 2-Nitroaniline	13.451	65	406209	21.811	ng/ul	94
47) Dimethylphthalate	13.834	163	1940106	21.130	ng/ul	99
48) 2,6-Dinitrotoluene	13.946	165	384402	21.422	ng/ul	98
50) Acenaphthylene	14.098	152	2439808	22.012	ng/ul	99
51) 3-Nitroaniline	14.281	138	430486	21.829	ng/ul	95
52) Acenaphthene	14.451	153	1721246	21.902	ng/ul	99
53) 2,4-Dinitrophenol	14.493	184	227700	21.285	ng/ul	95
55) 4-Nitrophenol	14.616	109	261097	20.137	ng/ul	97
56) Dibenzofuran	14.787	168	2397138	22.013	ng/ul	100
57) 2,4-Dinitrotoluene	14.746	165	569952	21.354	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.016	232	477599	21.314	ng/ul	93
59) Diethylphthalate	15.216	149	1935458	21.039	ng/ul	100
61) Fluorene	15.445	166	2004353	22.188	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.440	204	979872	21.912	ng/ul	96
63) 4-Nitroaniline	15.463	138	466255	24.301	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.522	198	306205	17.913	ng/ul	96
67) N-Nitrosodiphenylamine	15.657	169	1670807	21.722	ng/ul	100
68) 4-Bromophenyl-phenylether	16.345	248	602243	21.180	ng/ul	99
69) Hexachlorobenzene	16.463	284	707700	20.542	ng/ul	98
70) Atrazine	16.622	200	608890	20.442	ng/ul	99
71) Pentachlorophenol	16.822	266	435581	20.555	ng/ul	99
72) Phenanthrene	17.216	178	3084026	21.669	ng/ul	100
74) Anthracene	17.310	178	3144158	21.906	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.169	216	806278	21.847	ng/uL	99
76) Pentachlorobenzene	14.704	250	852768	21.442	ng/uL	100
77) Carbazole	17.592	167	2902029	23.079	ng/ul	100
78) Di-n-butylphthalate	18.169	149	3379768	21.716	ng/ul	100
80) Fluoranthene	19.298	202	3574518	22.303	ng/ul	99
82) Pyrene	19.669	202	3849243	22.966	ng/ul	99
83) Butylbenzylphthalate	20.616	149	1583644	21.941	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.504	252	1187286	21.132	ng/ul	100
85) Benzo(a)anthracene	21.586	228	3763170	22.038	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.522	149	2337204	22.194	ng/ul	99
87) Chrysene	21.657	228	3459586	21.987	ng/ul	99
89) Di-n-octyl phthalate	22.816	149	3866054	22.785	ng/ul	100
90) Benzo(b)fluoranthene	23.904	252	3720925	21.665	ng/ul	99
91) Benzo(k)fluoranthene	23.974	252	3707681	21.534	ng/ul	99
93) Benzo(a)pyrene	24.798	252	3426930	21.366	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.774	276	4189405	20.151	ng/ul	99
95) Dibenzo(a,h)anthracene	28.839	278	3325805	19.720	ng/ul	98
96) Benzo(g,h,i)perylene	29.951	276	3287582	20.645	ng/ul	99

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

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