Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050224\
Data File : BP020186.D
Acq On : 03 May 2024 22:11
Operator : MA/JU
Sample : P2350-06MS
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E08Q3MS

Quant Time: May 03 23:07:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 03 06:07:25 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.622	152	72376	20.000	ng/ul	0.00
20) Naphthalene-d8	10.393	136	317606	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.287	164	226152	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.122	188	514848	20.000	ng/ul	-0.01
79) Chrysene-d12	21.616	240	525646	20.000	ng/ul	0.00
88) Perylene-d12	24.974	264	518330	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.217	96	8641	5.042	ng/uL	0.00
4) Pyridine-d5	3.617	84	125748	25.253	ng/ul	0.00
7) Phenol-d5	6.805	99	192492	30.969	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	6.975	67	113852	30.153	ng/ul	0.00
11) 2-Chlorophenol-d4	7.158	132	141293	31.799	ng/ul	0.00
15) 4-Methylphenol-d8	8.328	113	154639	30.773	ng/ul	0.00
21) Nitrobenzene-d5	8.781	128	73211	30.783	ng/ul	0.00
24) 2-Nitrophenol-d4	9.493	143	87056	31.964	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.028	165	165611	33.322	ng/ul	0.00
31) 4-Chloroaniline-d4	10.546	131	205017	29.473	ng/ul	0.00
46) Dimethylphthalate-d6	13.704	166	554458	33.573	ng/ul	-0.01
49) Acenaphthylene-d8	13.969	160	588579	32.262	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.534	143	83811	33.019	ng/ul	-0.01
60) Fluorene-d10	15.304	176	455513	33.068	ng/ul	-0.02
65) 4,6-Dinitro-2-methylph...	15.463	200	97288	29.778	ng/ul	-0.01
73) Anthracene-d10	17.228	188	760594	34.149	ng/ul	-0.01
81) Pyrene-d10	19.633	212	944112	30.726	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.751	264	862201	34.403	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.252	88	28976	14.900	ng/uL	91
5) Pyridine	3.634	79	195245	38.766	ng/ul	96
6) Benzaldehyde	6.793	77	165649	53.021	ng/ul	97
8) Phenol	6.834	94	275564	42.954	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.064	93	205533	40.943	ng/ul	96
12) 2-Chlorophenol	7.193	128	203508	43.867	ng/ul	96
13) 2-Methylphenol	8.063	108	209403	43.760	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.140	45	258261	41.242	ng/ul	98
16) Acetophenone	8.446	105	352848	42.307	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.428	70	197587	43.656	ng/ul	97
18) 4-Methylphenol	8.393	108	233167	44.830	ng/ul	97
19) Hexachloroethane	8.669	117	87311	41.155	ng/ul	95
22) Nitrobenzene	8.822	77	286306	41.934	ng/ul	98
23) Isophorone	9.346	82	546112	41.598	ng/ul	99
25) 2-Nitrophenol	9.522	139	128367	45.502	ng/ul	98
26) 2,4-Dimethylphenol	9.581	107	275906	44.828	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.822	93	295896	40.655	ng/ul	100
29) 2,4-Dichlorophenol	10.057	162	226703	46.894	ng/ul	99
30) Naphthalene	10.440	128	683765	41.768	ng/ul	100
32) 4-Chloroaniline	10.569	127	264045	38.818	ng/ul	97
33) Hexachlorobutadiene	10.704	225	155355	41.374	ng/ul	98
34) Caprolactam	11.387	113	80797	47.866	ng/ul	95
35) 4-Chloro-3-methylphenol	11.704	107	283429	47.088	ng/ul	97
36) 2-Methylnaphthalene	12.063	142	495713	43.520	ng/ul	96

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.287	142	511907	44.660	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.434	216	303190	42.987	ng/ul	97
40) Hexachlorocyclopentadiene	12.399	237	130100	33.917	ng/ul	95
41) 2,4,6-Trichlorophenol	12.693	196	200506	45.332	ng/ul	96
42) 2,4,5-Trichlorophenol	12.775	196	220215	46.269	ng/ul	98
43) 1,1'-Biphenyl	13.098	154	675157	42.209	ng/ul	99
44) 2-Chloronaphthalene	13.140	162	528656	41.651	ng/ul	97
45) 2-Nitroaniline	13.369	65	198372	47.118	ng/ul	94
47) Dimethylphthalate	13.751	163	727570	43.615	ng/ul	99
48) 2,6-Dinitrotoluene	13.887	165	152024	45.842	ng/ul	97
50) Acenaphthylene	14.004	152	874856	42.635	ng/ul	98
51) 3-Nitroaniline	14.222	138	141406	45.718	ng/ul	95
52) Acenaphthene	14.351	153	582031	42.208	ng/ul	99
53) 2,4-Dinitrophenol	14.445	184	97555	47.926	ng/ul	96
55) 4-Nitrophenol	14.551	109	131973	49.940	ng/ul	89
56) Dibenzofuran	14.698	168	835400	44.049	ng/ul	99
57) 2,4-Dinitrotoluene	14.693	165	232866	48.841	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.934	232	202990	47.495	ng/ul	98
59) Diethylphthalate	15.151	149	738159	44.329	ng/ul	100
61) Fluorene	15.363	166	695932	44.163	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.363	204	372349	44.539	ng/ul	96
63) 4-Nitroaniline	15.422	138	140617	54.553	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.475	198	155447	45.630	ng/ul	99
67) N-Nitrosodiphenylamine	15.592	169	609117	42.491	ng/ul	99
68) 4-Bromophenyl-phenylether	16.287	248	239864	43.012	ng/ul	96
69) Hexachlorobenzene	16.387	284	275107	42.592	ng/ul	99
70) Atrazine	16.592	200	256516	50.465	ng/ul	98
71) Pentachlorophenol	16.757	266	176352	45.171	ng/ul	99
72) Phenanthrene	17.169	178	1125302	42.839	ng/ul	99
74) Anthracene	17.263	178	1146237	42.902	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.051	216	296407	38.737	ng/uL	97
76) Pentachlorobenzene	14.610	250	316458	41.328	ng/uL	99
77) Carbazole	17.563	167	1058182	45.976	ng/ul	99
78) Di-n-butylphthalate	18.157	149	1301484	46.651	ng/ul	100
80) Fluoranthene	19.286	202	1427934	39.489	ng/ul	100
82) Pyrene	19.663	202	1494583	39.724	ng/ul	100
83) Butylbenzylphthalate	20.639	149	625056	43.764	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.533	252	419156	39.181	ng/ul	98
85) Benzo(a)anthracene	21.598	228	1514011	42.466	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.551	149	889091	43.151	ng/ul	98
87) Chrysene	21.669	228	1415175	42.827	ng/ul	99
89) Di-n-octyl phthalate	22.845	149	1480704	44.606	ng/ul	100
90) Benzo(b)fluoranthene	23.921	252	1389382	45.061	ng/ul	99
91) Benzo(k)fluoranthene	23.986	252	1430829	45.536	ng/ul	100
93) Benzo(a)pyrene	24.821	252	1145182	39.034	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.786	276	1372282	38.156	ng/ul	98
95) Dibenzo(a,h)anthracene	28.868	278	1116356	37.528	ng/ul	98
96) Benzo(g,h,i)perylene	29.956	276	1049638	36.186	ng/ul	98

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

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