Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020525\
Data File : BP023967.D
Acq On : 06 Feb 2025 12:37
Operator : RC/JU
Sample : PB166504BS
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS504

Quant Time: Feb 06 14:08:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 03 11:19:36 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	433219	20.000	ng/ul	0.00
20) Naphthalene-d8	10.546	136	1831452	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.392	164	1148378	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.181	188	2340730	20.000	ng/ul	0.00
79) Chrysene-d12	21.622	240	2580685	20.000	ng/ul	-0.02
88) Perylene-d12	24.992	264	2663660	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.287	96	64635	6.199	ng/uL	0.00
4) Pyridine-d5	3.699	84	960755	31.933	ng/ul	0.00
7) Phenol-d5	6.958	99	1282267	33.446	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.105	67	644813	31.775	ng/ul	0.00
11) 2-Chlorophenol-d4	7.311	132	1039746	34.536	ng/ul	0.00
15) 4-Methylphenol-d8	8.475	113	1009577	32.236	ng/ul	0.00
21) Nitrobenzene-d5	8.916	128	486008	33.168	ng/ul	0.00
24) 2-Nitrophenol-d4	9.628	143	527709	33.377	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.175	165	995193	34.311	ng/ul	0.00
31) 4-Chloroaniline-d4	10.675	131	1129727	26.044	ng/ul	0.00
46) Dimethylphthalate-d6	13.798	166	2747605	32.077	ng/ul	0.00
49) Acenaphthylene-d8	14.081	160	3218239	33.312	ng/ul	0.00
54) 4-Nitrophenol-d4	14.616	143	551946	32.446	ng/ul	0.00
60) Fluorene-d10	15.398	176	2384761	33.060	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.516	200	423065	29.297	ng/ul	0.00
73) Anthracene-d10	17.281	188	3797477	33.042	ng/ul	0.00
81) Pyrene-d10	19.645	212	4517889	32.673	ng/ul	-0.02
92) Benzo(a)pyrene-d12	24.763	264	4795176	34.503	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.322	88	130929	11.941	ng/uL	98
5) Pyridine	3.722	79	952618	31.625	ng/ul	99
6) Benzaldehyde	6.916	77	174963	9.298	ng/ul	99
8) Phenol	6.981	94	1322111	33.584	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.193	93	953503	31.818	ng/ul	100
12) 2-Chlorophenol	7.346	128	1064292	34.314	ng/ul	99
13) 2-Methylphenol	8.216	108	961428	32.458	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.281	45	971149	31.412	ng/ul	98
16) Acetophenone	8.581	105	1513046	31.603	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.569	70	697528	30.939	ng/ul	98
18) 4-Methylphenol	8.540	108	1074406	32.692	ng/ul	98
19) Hexachloroethane	8.840	117	397056	32.375	ng/ul	99
22) Nitrobenzene	8.957	77	1045570	32.881	ng/ul	99
23) Isophorone	9.481	82	1961176	30.545	ng/ul	99
25) 2-Nitrophenol	9.657	139	577106	33.464	ng/ul	99
26) 2,4-Dimethylphenol	9.728	107	904362	28.333	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.952	93	1242084	31.057	ng/ul	99
29) 2,4-Dichlorophenol	10.199	162	995897	33.859	ng/ul	99
30) Naphthalene	10.593	128	3173929	32.376	ng/ul	100
32) 4-Chloroaniline	10.699	127	777746	18.999	ng/ul	100
33) Hexachlorobutadiene	10.881	225	579483	32.543	ng/ul	100
34) Caprolactam	11.481	113	321144	28.182	ng/ul	100
35) 4-Chloro-3-methylphenol	11.840	107	1025337	32.429	ng/ul	99
36) 2-Methylnaphthalene	12.204	142	2200964	31.931	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.422	142	2169119	31.721	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.569	216	1148972	33.844	ng/ul	100
40) Hexachlorocyclopentadiene	12.557	237	413219	21.600	ng/ul	99
41) 2,4,6-Trichlorophenol	12.816	196	733707	32.354	ng/ul	99
42) 2,4,5-Trichlorophenol	12.898	196	826227	33.802	ng/ul	100
43) 1,1'-Biphenyl	13.216	154	2853261	33.472	ng/ul	99
44) 2-Chloronaphthalene	13.257	162	2207282	33.232	ng/ul	100
45) 2-Nitroaniline	13.463	65	596378	34.499	ng/ul	98
47) Dimethylphthalate	13.845	163	2750646	32.274	ng/ul	99
48) 2,6-Dinitrotoluene	13.957	165	565386	33.945	ng/ul	99
50) Acenaphthylene	14.110	152	3457732	33.608	ng/ul	100
51) 3-Nitroaniline	14.292	138	618929	33.813	ng/ul	99
52) Acenaphthene	14.451	153	2416671	33.130	ng/ul	100
53) 2,4-Dinitrophenol	14.498	184	239601	24.130	ng/ul	99
55) 4-Nitrophenol	14.628	109	399265	33.176	ng/ul	97
56) Dibenzofuran	14.792	168	3331257	32.958	ng/ul	99
57) 2,4-Dinitrotoluene	14.757	165	850032	34.311	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.028	232	653103	31.400	ng/ul	97
59) Diethylphthalate	15.222	149	2747266	32.174	ng/ul	99
61) Fluorene	15.451	166	2828803	33.736	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.445	204	1370716	33.023	ng/ul	99
63) 4-Nitroaniline	15.469	138	726918	40.817	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.534	198	466594	29.389	ng/ul#	93
67) N-Nitrosodiphenylamine	15.663	169	2331437	32.636	ng/ul	99
68) 4-Bromophenyl-phenylether	16.357	248	860293	32.576	ng/ul	100
69) Hexachlorobenzene	16.475	284	1029509	32.174	ng/ul	99
70) Atrazine	16.634	200	333840	12.068	ng/ul	98
71) Pentachlorophenol	16.828	266	564660	28.690	ng/ul	99
72) Phenanthrene	17.228	178	4382304	33.152	ng/ul	100
74) Anthracene	17.316	178	4406586	33.056	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.181	216	1107022	32.297	ng/uL	100
76) Pentachlorobenzene	14.716	250	1141556	30.905	ng/uL	99
77) Carbazole	17.598	167	4209247	36.042	ng/ul	99
78) Di-n-butylphthalate	18.186	149	4846655	33.530	ng/ul	100
80) Fluoranthene	19.304	202	5255284	32.995	ng/ul	97
82) Pyrene	19.680	202	5563783	33.404	ng/ul	100
83) Butylbenzylphthalate	20.627	149	2259859	31.506	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.522	252	1725431	30.903	ng/ul	99
85) Benzo(a)anthracene	21.598	228	5672089	33.424	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.545	149	3243766	30.995	ng/ul	100
87) Chrysene	21.669	228	5279587	33.764	ng/ul	99
89) Di-n-octyl phthalate	22.833	149	5464907	34.225	ng/ul	100
90) Benzo(b)fluoranthene	23.927	252	5497528	34.014	ng/ul	100
91) Benzo(k)fluoranthene	23.998	252	5678568	35.047	ng/ul	100
93) Benzo(a)pyrene	24.833	252	5096855	33.768	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.827	276	6525100	33.352	ng/ul	100
95) Dibenzo(a,h)anthracene	28.886	278	5374543	33.865	ng/ul	99
96) Benzo(g,h,i)perylene	30.015	276	4996551	33.342	ng/ul	99

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

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