Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101924\
Data File : BP022496.D
Acq On : 20 Oct 2024 05:09
Operator : RC/JU
Sample : P4346-09MSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EOAW9MSD

Quant Time: Oct 21 04:11:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 18 11:08:24 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.657	152	156450	20.000	ng/ul	0.00
20) Naphthalene-d8	10.422	136	647677	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.281	164	525664	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.081	188	1218541	20.000	ng/ul	0.00
79) Chrysene-d12	21.504	240	916827	20.000	ng/ul	0.00
88) Perylene-d12	24.762	264	952722	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	12404	3.081	ng/uL	-0.01
4) Pyridine-d5	3.599	84	193774	17.532	ng/ul	-0.01
7) Phenol-d5	6.852	99	306817	23.298	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.005	67	170455	22.022	ng/ul	0.00
11) 2-Chlorophenol-d4	7.205	132	225900	24.174	ng/ul	0.00
15) 4-Methylphenol-d8	8.369	113	265527	25.264	ng/ul	0.00
21) Nitrobenzene-d5	8.804	128	118602	23.816	ng/ul	0.00
24) 2-Nitrophenol-d4	9.516	143	141933	24.617	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.051	165	316004	25.788	ng/ul	0.00
31) 4-Chloroaniline-d4	10.563	131	307746	21.254	ng/ul	0.00
46) Dimethylphthalate-d6	13.687	166	994372	23.809	ng/ul	0.00
49) Acenaphthylene-d8	13.969	160	1042297	23.497	ng/ul	0.00
54) 4-Nitrophenol-d4	14.510	143	119172	17.008	ng/ul	0.00
60) Fluorene-d10	15.281	176	849817	23.459	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.428	200	145483	18.153	ng/ul	0.01
73) Anthracene-d10	17.192	188	1362661	23.772	ng/ul	0.02
81) Pyrene-d10	19.557	212	1477024	30.464	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.539	264	1264495	24.852	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.222	88	40164	9.278	ng/uL	99
5) Pyridine	3.622	79	297349	26.239	ng/ul	99
6) Benzaldehyde	6.816	77	76739	10.783	ng/ul	97
8) Phenol	6.881	94	481411	35.135	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.099	93	345831	33.725	ng/ul	96
12) 2-Chlorophenol	7.240	128	341165	35.306	ng/ul	95
13) 2-Methylphenol	8.104	108	360995	36.304	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.169	45	395893	33.219	ng/ul	98
16) Acetophenone	8.475	105	592113	34.125	ng/ul	94
17) N-Nitroso-di-n-propyla...	8.463	70	311298	35.412	ng/ul	97
18) 4-Methylphenol	8.428	108	401534	36.400	ng/ul	98
19) Hexachloroethane	8.722	117	149448	33.208	ng/ul	99
22) Nitrobenzene	8.846	77	475299	31.974	ng/ul	99
23) Isophorone	9.369	82	894702	33.569	ng/ul	98
25) 2-Nitrophenol	9.551	139	221071	35.578	ng/ul	96
26) 2,4-Dimethylphenol	9.616	107	474757	35.152	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.840	93	499960	33.037	ng/ul	99
29) 2,4-Dichlorophenol	10.081	162	440183	36.477	ng/ul	99
30) Naphthalene	10.475	128	1153793	33.446	ng/ul	99
32) 4-Chloroaniline	10.581	127	288771	20.204	ng/ul	97
33) Hexachlorobutadiene	10.751	225	353589	34.766	ng/ul	98
34) Caprolactam	11.387	113	134244m	34.507	ng/ul	
35) 4-Chloro-3-methylphenol	11.722	107	495959	37.669	ng/ul	98
36) 2-Methylnaphthalene	12.087	142	903118	35.665	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.298	142	890476	34.453	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.457	216	673457	34.649	ng/ul	95
40) Hexachlorocyclopentadiene	12.434	237	201031	16.976	ng/ul	99
41) 2,4,6-Trichlorophenol	12.698	196	441595	36.119	ng/ul	99
42) 2,4,5-Trichlorophenol	12.781	196	487490	37.447	ng/ul	98
43) 1,1'-Biphenyl	13.104	154	1289679	34.038	ng/ul	99
44) 2-Chloronaphthalene	13.145	162	1034540	33.354	ng/ul	98
45) 2-Nitroaniline	13.357	65	311166	33.598	ng/ul	94
47) Dimethylphthalate	13.740	163	1391727	33.441	ng/ul	100
48) 2,6-Dinitrotoluene	13.863	165	294754	37.445	ng/ul	96
50) Acenaphthylene	14.004	152	1544021	33.538	ng/ul	100
51) 3-Nitroaniline	14.198	138	238889	32.311	ng/ul	93
52) Acenaphthene	14.351	153	1104447	33.926	ng/ul	99
53) 2,4-Dinitrophenol	14.416	184	180697	31.200	ng/ul	98
55) 4-Nitrophenol	14.528	109	252632	32.487	ng/ul	93
56) Dibenzofuran	14.681	168	1632150	33.376	ng/ul	99
57) 2,4-Dinitrotoluene	14.663	165	435043	35.566	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.916	232	435985	35.880	ng/ul	97
59) Diethylphthalate	15.128	149	1342871	33.633	ng/ul	99
61) Fluorene	15.351	166	1348895	33.854	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.345	204	779257	34.199	ng/ul	98
63) 4-Nitroaniline	15.381	138	268962	36.153	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.445	198	281452	32.605	ng/ul#	98
67) N-Nitrosodiphenylamine	15.557	169	1168827	35.819	ng/ul	99
68) 4-Bromophenyl-phenylether	16.245	248	547475	37.257	ng/ul	98
69) Hexachlorobenzene	16.369	284	673819	37.253	ng/ul	98
70) Atrazine	16.533	200	517372	38.143	ng/ul	95
71) Pentachlorophenol	16.733	266	409722	35.230	ng/ul	97
72) Phenanthrene	17.133	178	2510562	38.510	ng/ul	99
74) Anthracene	17.222	178	2180823	33.521	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.069	216	672627	36.253	ng/uL	96
76) Pentachlorobenzene	14.610	250	732782	35.727	ng/uL	98
77) Carbazole	17.504	167	1875381	32.578	ng/ul	99
78) Di-n-butylphthalate	18.092	149	2195368	34.466	ng/ul	100
80) Fluoranthene	19.216	202	3160683	56.707	ng/ul#	96
82) Pyrene	19.586	202	3040600	50.898	ng/ul	98
83) Butylbenzylphthalate	20.533	149	905375	43.530	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.404	252	593331	27.148	ng/ul	98
85) Benzo(a)anthracene	21.480	228	2424181	37.717	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.416	149	1282627	42.962	ng/ul	98
87) Chrysene	21.557	228	2226553	37.361	ng/ul	100
89) Di-n-octyl phthalate	22.657	149	1771078	39.082	ng/ul	100
90) Benzo(b)fluoranthene	23.733	252	2366684	39.464	ng/ul#	98
91) Benzo(k)fluoranthene	23.804	252	2127365	36.232	ng/ul	99
93) Benzo(a)pyrene	24.610	252	2107102	38.176	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.462	276	2767423m	37.573	ng/ul	
95) Dibenzo(a,h)anthracene	28.539	278	2125001	35.629	ng/ul#	98
96) Benzo(g,h,i)perylene	29.603	276	2182023	38.088	ng/ul	99

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

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