Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121824\
Data File : BP023533.D
Acq On : 19 Dec 2024 18:41
Operator : RC/JU
Sample : P5265-21MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 19 22:40:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 00:30:30 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
E28Y9MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/21/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.522	152	220865	20.000	ng/ul	-0.02
20) Naphthalene-d8	10.263	136	894858	20.000	ng/ul	#-0.02
38) Acenaphthene-d10	14.134	164	687477	20.000	ng/ul	-0.01
64) Phenanthrene-d10	16.939	188	1547481	20.000	ng/ul	#-0.02
79) Chrysene-d12	21.363	240	1594471	20.000	ng/ul	#-0.02
88) Perylene-d12	24.533	264	1691892	20.000	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.087	96	19555	3.260	ng/uL	-0.02
4) Pyridine-d5	3.505	84	250861	16.262	ng/ul	-0.01
7) Phenol-d5	6.740	99	390536	22.536	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.875	67	247910	22.674	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.075	132	269860	21.099	ng/ul	-0.01
15) 4-Methylphenol-d8	8.240	113	294649	21.067	ng/ul	-0.02
21) Nitrobenzene-d5	8.669	128	137494	20.576	ng/ul	-0.02
24) 2-Nitrophenol-d4	9.375	143	162757	21.134	ng/ul	-0.02
28) 2,4-Dichlorophenol-d3	9.916	165	327644	20.158	ng/ul	-0.02
31) 4-Chloroaniline-d4	10.422	131	318687	17.502	ng/ul	-0.02
46) Dimethylphthalate-d6	13.546	166	1075616	20.154	ng/ul	-0.01
49) Acenaphthylene-d8	13.828	160	1029226	18.284	ng/ul	0.00
54) 4-Nitrophenol-d4	14.428	143	113831m	17.405	ng/ul	0.02
60) Fluorene-d10	15.145	176	773716	16.482	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.310	200	144569	15.458	ng/ul	0.00
73) Anthracene-d10	17.045	188	1267303	17.944	ng/ul	0.00
81) Pyrene-d10	19.422	212	1381696	16.586	ng/ul	-0.02
92) Benzo(a)pyrene-d12	24.316	264	1258519	13.895	ng/ul	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.123	88	38397	5.785	ng/uL	98
5) Pyridine	3.523	79	244517	15.517	ng/ul	92
6) Benzaldehyde	6.716	77	23651	2.387	ng/ul	94
8) Phenol	6.769	94	412371	22.857	ng/ul#	83
10) Bis(2-Chloroethyl)ether	6.969	93	300772	21.120	ng/ul	99
12) 2-Chlorophenol	7.105	128	268839	20.050	ng/ul	100
13) 2-Methylphenol	7.981	108	281699	21.054	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.028	45	373477	21.565	ng/ul	97
16) Acetophenone	8.340	105	468513	19.902	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.316	70	258679	20.167	ng/ul	92
18) 4-Methylphenol	8.305	108	308037	21.330	ng/ul	97
19) Hexachloroethane	8.569	117	96826	14.831	ng/ul	88
22) Nitrobenzene	8.710	77	378850	18.633	ng/ul	98
23) Isophorone	9.222	82	750052	20.827	ng/ul	98
25) 2-Nitrophenol	9.410	139	163447	19.868	ng/ul#	83
26) 2,4-Dimethylphenol	9.475	107	336570	18.476	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.693	93	436095	21.433	ng/ul	99
29) 2,4-Dichlorophenol	9.946	162	309183	19.193	ng/ul	98
30) Naphthalene	10.310	128	830053	17.719	ng/ul	99
32) 4-Chloroaniline	10.446	127	217816	12.336	ng/ul	100
33) Hexachlorobutadiene	10.581	225	167798	11.743	ng/ul	97
34) Caprolactam	11.234	113	86554	18.414	ng/ul	97
35) 4-Chloro-3-methylphenol	11.587	107	355491	20.323	ng/ul	89
36) 2-Methylnaphthalene	11.922	142	592644	17.060	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.146	142	601297	16.986	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.304	216	377177	15.035	ng/ul	97
40) Hexachlorocyclopentadiene	12.263	237	76630	6.357	ng/ul	97
41) 2,4,6-Trichlorophenol	12.557	196	309197	20.826	ng/ul	99
42) 2,4,5-Trichlorophenol	12.657	196	314914	19.853	ng/ul	98
43) 1,1'-Biphenyl	12.946	154	847307	17.395	ng/ul	98
44) 2-Chloronaphthalene	12.993	162	698609	17.731	ng/ul	96
45) 2-Nitroaniline	13.228	65	243533	21.334	ng/ul	90
47) Dimethylphthalate	13.593	163	1005860	19.133	ng/ul	99
48) 2,6-Dinitrotoluene	13.728	165	199408	19.796	ng/ul	92
50) Acenaphthylene	13.857	152	1031141	17.987	ng/ul	100
51) 3-Nitroaniline	14.075	138	175480	20.785	ng/ul	95
52) Acenaphthene	14.204	153	721447	17.218	ng/ul	98
53) 2,4-Dinitrophenol	14.334	184	12655m	1.948	ng/ul	
55) 4-Nitrophenol	14.445	109	133791	15.185	ng/ul#	73
56) Dibenzofuran	14.545	168	1067525	16.776	ng/ul	94
57) 2,4-Dinitrotoluene	14.551	165	294302	18.131	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.793	232	259680	16.490	ng/ul#	95
59) Diethylphthalate	14.975	149	942256	17.972	ng/ul	100
61) Fluorene	15.210	166	849774	16.401	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.204	204	435277	14.484	ng/ul	100
63) 4-Nitroaniline	15.263	138	184698	24.873	ng/ul#	81
66) 4,6-Dinitro-2-methylph...	15.322	198	141347	14.247	ng/ul	93
67) N-Nitrosodiphenylamine	15.416	169	786950	19.914	ng/ul	99
68) 4-Bromophenyl-phenylether	16.110	248	282978	15.490	ng/ul	97
69) Hexachlorobenzene	16.234	284	319456	14.274	ng/ul	96
70) Atrazine	16.404	200	352986	20.528	ng/ul	98
71) Pentachlorophenol	16.604	266	165621	12.679	ng/ul	99
72) Phenanthrene	16.986	178	1514726	18.933	ng/ul	100
74) Anthracene	17.081	178	1433337	17.918	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.916	216	398342	17.858	ng/uL	97
76) Pentachlorobenzene	14.463	250	380723	15.485	ng/uL	98
77) Carbazole	17.381	167	1435997	22.034	ng/ul	98
78) Di-n-butylphthalate	17.945	149	1484037	18.532	ng/ul#	98
80) Fluoranthene	19.075	202	1916004	20.072	ng/ul#	90
82) Pyrene	19.457	202	1924337	18.998	ng/ul#	91
83) Butylbenzylphthalate	20.410	149	694652	19.801	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.280	252	415009	11.343	ng/ul#	99
85) Benzo(a)anthracene	21.345	228	1802834	16.861	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.269	149	995459	19.759	ng/ul	99
87) Chrysene	21.410	228	1660886	16.210	ng/ul	99
89) Di-n-octyl phthalate	22.463	149	1657843	20.063	ng/ul	100
90) Benzo(b)fluoranthene	23.533	252	1736699	16.338	ng/ul#	97
91) Benzo(k)fluoranthene	23.604	252	1641158	15.517	ng/ul#	98
93) Benzo(a)pyrene	24.386	252	1544925	16.029	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	28.115	276	1860884	15.024	ng/ul#	93
95) Dibenzo(a,h)anthracene	28.145	278	1469396m	14.824	ng/ul	
96) Benzo(g,h,i)perylene	29.233	276	1440147	15.186	ng/ul#	95

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

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