Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103024\
Data File : BP022749.D
Acq On : 30 Oct 2024 23:55
Operator : RC/JU
Sample : P4493-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4F05

Quant Time: Oct 31 11:38:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 30 10:56:39 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.628	152	5	20.000	ng/ul	#-0.01
20) Naphthalene-d8	10.387	136	16	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.257	164	153	20.000	ng/ul	# 0.00
64) Phenanthrene-d10	17.163	188	486911	20.000	ng/ul	0.10
79) Chrysene-d12	21.628	240	107	20.000	ng/ul	# 0.13
88) Perylene-d12	24.898	264	139	20.000	ng/ul	# 0.15
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	5277	41012.948	ng/uL	0.00
4) Pyridine-d5	3.599	84	72255	204559.473	ng/ul	0.00
7) Phenol-d5	6.828	99	104802	249003.583	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.981	67	63002	254684.509	ng/ul	0.00
11) 2-Chlorophenol-d4	7.181	132	84485	282891.802	ng/ul	0.00
15) 4-Methylphenol-d8	8.346	113	87712	261135.124	ng/ul	0.00
21) Nitrobenzene-d5	8.775	128	40229	327001.060	ng/ul	0.00
24) 2-Nitrophenol-d4	9.487	143	49332	346358.893	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.034	165	102487	338555.821	ng/ul	0.00
31) 4-Chloroaniline-d4	10.534	131	109683	306634.944	ng/ul	0.00
46) Dimethylphthalate-d6	13.663	166	349510	28751.594	ng/ul	0.00
49) Acenaphthylene-d8	13.946	160	373063	28894.348	ng/ul	0.00
54) 4-Nitrophenol-d4	14.510	143	31651	15520.132	ng/ul	0.00
60) Fluorene-d10	15.263	176	311698	29561.948	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.475	200	137	0.043	ng/ul	0.07
73) Anthracene-d10	17.163	188	487307	21.275	ng/ul	0.00
81) Pyrene-d10	19.545	212	634930	112210.865	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.533	264	680185	91628.196	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.211	88	196	1416.742	ng/uL#	15
5) Pyridine	3.605	79	114	314.763	ng/ul#	1
6) Benzaldehyde	6.793	77	28	123.106	ng/ul#	65
8) Phenol	6.858	94	2777	6341.730	ng/ul#	89
10) Bis(2-Chloroethyl)ether	7.069	93	20	61.027	ng/ul#	54
12) 2-Chlorophenol	7.211	128	14	45.333	ng/ul#	1
13) 2-Methylphenol	8.105	108	8	25.174	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.140	45	71	186.412	ng/ul#	1
16) Acetophenone	8.446	105	28	50.494	ng/ul#	1
17) N-Nitroso-di-n-propyla...	8.411	70	59	210.006	ng/ul#	1
18) 4-Methylphenol	8.358	108	17	48.221	ng/ul	80
19) Hexachloroethane	8.675	117	17	118.198	ng/ul#	36
22) Nitrobenzene	8.811	77	70	190.621	ng/ul#	55
23) Isophorone	9.334	82	50	75.940	ng/ul#	1
25) 2-Nitrophenol	9.352	139	14	91.205	ng/ul	94
26) 2,4-Dimethylphenol	9.575	107	12	35.967	ng/ul#	68
27) Bis(2-Chloroethoxy)met...	9.816	93	6	16.049	ng/ul#	28
29) 2,4-Dichlorophenol	10.058	162	18	60.381	ng/ul#	1
30) Naphthalene	10.446	128	972	1140.569	ng/ul#	37
32) 4-Chloroaniline	10.434	127	51	144.440	ng/ul	97
33) Hexachlorobutadiene	10.681	225	1	3.980	ng/ul	96
34) Caprolactam	11.510	113	6	62.430	ng/ul	87
35) 4-Chloro-3-methylphenol	11.681	107	20	61.491	ng/ul#	50
36) 2-Methylnaphthalene	12.069	142	85	135.878	ng/ul	83

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.281	142	206	322.634	ng/ul#	79
40) Hexachlorocyclopentadiene	12.410	237	7	2.031	ng/ul#	50
41) 2,4,6-Trichlorophenol	12.669	196	17	4.777	ng/ul#	43
42) 2,4,5-Trichlorophenol	12.757	196	20	5.278	ng/ul#	47
43) 1,1'-Biphenyl	13.087	154	142	12.876	ng/ul#	71
44) 2-Chloronaphthalene	13.110	162	18	1.994	ng/ul#	35
45) 2-Nitroaniline	13.322	65	71	26.339	ng/ul#	16
47) Dimethylphthalate	13.716	163	353	29.142	ng/ul	98
48) 2,6-Dinitrotoluene	13.846	165	14	6.110	ng/ul#	1
50) Acenaphthylene	13.975	152	2034	151.792	ng/ul#	71
51) 3-Nitroaniline	14.198	138	8	3.718	ng/ul#	67
52) Acenaphthene	14.322	153	855	90.233	ng/ul#	79
55) 4-Nitrophenol	14.516	109	95	41.972	ng/ul#	1
56) Dibenzofuran	14.716	168	52	3.653	ng/ul	90
57) 2,4-Dinitrotoluene	14.628	165	37	10.392	ng/ul#	8
58) 2,3,4,6-Tetrachlorophenol	14.887	232	13	3.676	ng/ul#	23
59) Diethylphthalate	15.093	149	1088	93.622	ng/ul#	92
61) Fluorene	15.328	166	1607	138.567	ng/ul#	84
62) 4-Chlorophenyl-phenyle...	15.334	204	21	3.166	ng/ul#	24
63) 4-Nitroaniline	15.345	138	16	7.389	ng/ul#	36
72) Phenanthrene	17.110	178	29372	1.128	ng/ul	98
80) Fluoranthene	19.198	202	83010	12761.040	ng/ul	98
82) Pyrene	19.581	202	76199	10929.259	ng/ul	98
83) Butylbenzylphthalate	20.639	149	158	65.091	ng/ul#	53
84) 3,3'-Dichlorobenzidine	21.528	252	40	15.682	ng/ul#	34
85) Benzo(a)anthracene	21.486	228	52879	7049.501	ng/ul	92
86) Bis(2-ethylhexyl)phtha...	21.551	149	273	78.352	ng/ul#	80
87) Chrysene	21.545	228	45774	6581.211	ng/ul	93
89) Di-n-octyl phthalate	22.769	149	471	71.237	ng/ul	100
90) Benzo(b)fluoranthene	23.863	252	251	28.687	ng/ul#	1
91) Benzo(k)fluoranthene	23.933	252	60	7.004	ng/ul#	1
93) Benzo(a)pyrene	24.598	252	45976	5709.416	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	28.609	276	35	3.257	ng/ul#	1
95) Dibenzo(a,h)anthracene	28.504	278	444	51.024	ng/ul	98
96) Benzo(g,h,i)perylene	29.598	276	1571	187.954	ng/ul	98

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

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