Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032025\
Data File : BP024191.D
Acq On : 20 Mar 2025 14:11
Operator : RC/JU
Sample : Q1546-01
Misc : MDL-WATER 4 ppm
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-QT1-2025-01

Quant Time: Mar 20 15:20:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030425.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 04 14:51:41 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	311251	20.000	ng/ul	-0.04
20) Naphthalene-d8	10.504	136	1352001	20.000	ng/ul	-0.03
38) Acenaphthene-d10	14.387	164	905327	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.204	188	1858274	20.000	ng/ul	0.00
79) Chrysene-d12	21.669	240	1927060	20.000	ng/ul	0.02
88) Perylene-d12	25.068	264	1824443	20.000	ng/ul	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	33116	4.238	ng/uL	-0.02
4) Pyridine-d5	3.652	84	550452	24.489	ng/ul	-0.03
7) Phenol-d5	6.893	99	693951	25.129	ng/ul	-0.04
9) Bis-(2-Chloroethyl)eth...	7.052	67	433789	28.523	ng/ul	-0.04
11) 2-Chlorophenol-d4	7.258	132	566744	26.734	ng/ul	-0.04
15) 4-Methylphenol-d8	8.416	113	532486	24.421	ng/ul	-0.04
21) Nitrobenzene-d5	8.863	128	282880	25.912	ng/ul	-0.04
24) 2-Nitrophenol-d4	9.587	143	296098	25.979	ng/ul	-0.04
28) 2,4-Dichlorophenol-d3	10.128	165	492918	24.052	ng/ul	-0.03
31) 4-Chloroaniline-d4	10.634	131	796180	25.419	ng/ul	-0.04
46) Dimethylphthalate-d6	13.781	166	1832639	27.935	ng/ul	-0.02
49) Acenaphthylene-d8	14.069	160	2004235	26.340	ng/ul	-0.02
54) 4-Nitrophenol-d4	14.598	143	293411	21.846	ng/ul	0.00
60) Fluorene-d10	15.398	176	1542625	27.676	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.522	200	278560	23.743	ng/ul	0.00
73) Anthracene-d10	17.310	188	2369464	26.128	ng/ul	0.01
81) Pyrene-d10	19.692	212	2810385	29.109	ng/ul	0.02
92) Benzo(a)pyrene-d12	24.833	264	2710054	28.652	ng/ul	0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.281	88	10694m	1.298	ng/uL	
5) Pyridine	3.675	79	106329	4.672	ng/ul#	81
6) Benzaldehyde	6.863	77	74722m	5.248	ng/ul	
8) Phenol	6.916	94	132536	4.618	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.140	93	109878	5.033	ng/ul	97
12) 2-Chlorophenol	7.287	128	106987	4.839	ng/ul	99
13) 2-Methylphenol	8.158	108	81071	3.866	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.234	45	121087	5.288	ng/ul	99
16) Acetophenone	8.534	105	166462	4.932	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.516	70	78634	4.968	ng/ul	98
18) 4-Methylphenol	8.487	108	99687	4.289	ng/ul	97
19) Hexachloroethane	8.787	117	42052	4.770	ng/ul	96
22) Nitrobenzene	8.910	77	118601	4.831	ng/ul	97
23) Isophorone	9.434	82	203094	4.417	ng/ul	100
25) 2-Nitrophenol	9.616	139	58211	4.612	ng/ul	94
26) 2,4-Dimethylphenol	9.681	107	52578	2.324	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.916	93	142232	4.862	ng/ul	98
29) 2,4-Dichlorophenol	10.157	162	94333	4.507	ng/ul	96
30) Naphthalene	10.552	128	354809	4.847	ng/ul	100
32) 4-Chloroaniline	10.663	127	137240	4.593	ng/ul	98
33) Hexachlorobutadiene	10.846	225	60835	4.747	ng/ul	98
34) Caprolactam	11.451	113	38455	4.838	ng/ul	88
35) 4-Chloro-3-methylphenol	11.804	107	89290	4.100	ng/ul	98
36) 2-Methylnaphthalene	12.175	142	240597	4.871	ng/ul	100

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Quant Title : SVOA CALIBRATION
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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.393	142	225823	4.626	ng/ul	99
39)	1,2,4,5-Tetrachloroben...	12.546	216	120526	4.405	ng/ul	99
40)	Hexachlorocyclopentadiene	12.528	237	54903	3.861	ng/ul	99
41)	2,4,6-Trichlorophenol	12.793	196	62763	3.647	ng/ul	100
42)	2,4,5-Trichlorophenol	12.863	196	72464	3.868	ng/ul	96
43)	1,1'-Biphenyl	13.187	154	323932	4.705	ng/ul	98
44)	2-Chloronaphthalene	13.234	162	244238	4.574	ng/ul	98
45)	2-Nitroaniline	13.440	65	54431	3.918	ng/ul	92
47)	Dimethylphthalate	13.828	163	324763	4.949	ng/ul	99
48)	2,6-Dinitrotoluene	13.945	165	51966	4.038	ng/ul	94
50)	Acenaphthylene	14.098	152	401826	4.874	ng/ul	99
51)	3-Nitroaniline	14.287	138	49826	3.330	ng/ul	97
52)	Acenaphthene	14.445	153	279757	4.821	ng/ul	99
53)	2,4-Dinitrophenol	14.493	184	33267	4.146	ng/ul	94
55)	4-Nitrophenol	14.610	109	38408	4.125	ng/ul	92
56)	Dibenzofuran	14.787	168	393351	4.915	ng/ul	100
57)	2,4-Dinitrotoluene	14.751	165	80492	4.202	ng/ul	96
58)	2,3,4,6-Tetrachlorophenol	15.034	232	63214	4.103	ng/ul	98
59)	Diethylphthalate	15.222	149	312250	4.806	ng/ul	99
61)	Fluorene	15.457	166	319303	4.881	ng/ul	100
62)	4-Chlorophenyl-phenyle...	15.445	204	159456	5.045	ng/ul	98
63)	4-Nitroaniline	15.475	138	52045	3.535	ng/ul	97
66)	4,6-Dinitro-2-methylph...	15.540	198	66797	5.217	ng/ul#	90
67)	N-Nitrosodiphenylamine	15.669	169	258731	4.567	ng/ul	99
68)	4-Bromophenyl-phenylether	16.375	248	92403	4.513	ng/ul	97
69)	Hexachlorobenzene	16.487	284	118323	4.757	ng/ul	97
70)	Atrazine	16.663	200	97519	4.754	ng/ul	99
71)	Pentachlorophenol	16.845	266	67012	4.292	ng/ul	97
72)	Phenanthrene	17.251	178	512174	4.821	ng/ul	99
74)	Anthracene	17.345	178	498487	4.657	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.157	216	113611	4.060	ng/uL	99
76)	Pentachlorobenzene	14.710	250	122925	4.201	ng/uL	97
77)	Carbazole	17.628	167	418838	4.310	ng/ul	99
78)	Di-n-butylphthalate	18.228	149	488727	4.317	ng/ul	99
80)	Fluoranthene	19.345	202	575922	5.117	ng/ul	98
82)	Pyrene	19.722	202	655907	5.408	ng/ul	100
83)	Butylbenzylphthalate	20.669	149	202236	4.135	ng/ul	93
84)	3,3'-Dichlorobenzidine	21.574	252	131451	3.410	ng/ul	100
85)	Benzo(a)anthracene	21.651	228	601282	4.769	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.592	149	292083	3.980	ng/ul	99
87)	Chrysene	21.716	228	578193	4.882	ng/ul	99
89)	Di-n-octyl phthalate	22.898	149	394382	3.703	ng/ul	100
90)	Benzo(b)fluoranthene	23.998	252	536157	4.941	ng/ul	99
91)	Benzo(k)fluoranthene	24.063	252	544436	4.943	ng/ul	99
93)	Benzo(a)pyrene	24.898	252	480715	4.685	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	28.915	276	555018m	4.091	ng/ul	
95)	Dibenzo(a,h)anthracene	28.980	278	461264m	4.187	ng/ul	
96)	Benzo(g,h,i)perylene	30.109	276	436169m	4.143	ng/ul	

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

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