Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070225\
Data File : BP025064.D
Acq On : 02 Jul 2025 11:33
Operator : RC/JU
Sample : Q2117-02
Misc : MDL-WATER-4PPM
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-QT2-2025-04

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/02/2025
Supervised By :Jagrut Upadhyay 07/02/2025

Quant Time: Jul 02 12:55:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP063025.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 01 11:17:33 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.449	152	352397	20.000	ng/ul	0.00
20) Naphthalene-d8	10.190	136	1433885	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.095	164	941391	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.919	188	1943890	20.000	ng/ul	0.00
79) Chrysene-d12	21.336	240	2116832	20.000	ng/ul	0.00
88) Perylene-d12	24.471	264	2187718	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.096	96	33179	4.214	ng/uL	0.00
4) Pyridine-d5	3.472	84	352081	15.795	ng/ul	0.00
7) Phenol-d5	6.625	99	412754	15.215	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.796	67	257327	16.478	ng/ul	0.00
11) 2-Chlorophenol-d4	6.984	132	355470	16.193	ng/ul	0.00
15) 4-Methylphenol-d8	8.137	113	332694	15.140	ng/ul	0.00
21) Nitrobenzene-d5	8.566	128	150509	15.636	ng/ul	0.00
24) 2-Nitrophenol-d4	9.278	143	122958	14.654	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.813	165	321246	15.067	ng/ul	0.00
31) 4-Chloroaniline-d4	10.319	131	507972	15.472	ng/ul	0.00
46) Dimethylphthalate-d6	13.507	166	1122264	16.595	ng/ul	0.00
49) Acenaphthylene-d8	13.778	160	1315942	16.617	ng/ul	0.00
54) 4-Nitrophenol-d4	14.289	143	164891	12.908	ng/ul	0.00
60) Fluorene-d10	15.119	176	982028	16.915	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.231	200	88816	10.515	ng/ul	0.00
73) Anthracene-d10	17.013	188	1534711	16.422	ng/ul	0.00
81) Pyrene-d10	19.407	212	1783545	16.428	ng/ul	0.01
92) Benzo(a)pyrene-d12	24.259	264	1779925	16.177	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.131	88	13041m	1.534	ng/uL	
5) Pyridine	3.496	79	103744	4.492	ng/ul	91
6) Benzaldehyde	6.602	77	79764	6.067	ng/ul	94
8) Phenol	6.655	94	124713	4.478	ng/ul	97
10) Bis(2-Chloroethyl)ether	6.884	93	99007	4.614	ng/ul	100
12) 2-Chlorophenol	7.019	128	100641	4.480	ng/ul	99
13) 2-Methylphenol	7.872	108	84669	3.993	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	7.966	45	137325	4.627	ng/ul	98
16) Acetophenone	8.243	105	161395	4.688	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.237	70	70054	4.453	ng/ul	99
18) 4-Methylphenol	8.196	108	97153	4.237	ng/ul	99
19) Hexachloroethane	8.502	117	38820	4.531	ng/ul	97
22) Nitrobenzene	8.607	77	100799	4.521	ng/ul	99
23) Isophorone	9.137	82	194130	4.220	ng/ul	99
25) 2-Nitrophenol	9.313	139	41217	4.198	ng/ul	99
26) 2,4-Dimethylphenol	9.384	107	95499	4.037	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.625	93	126703	4.452	ng/ul	98
29) 2,4-Dichlorophenol	9.843	162	93872	4.408	ng/ul	96
30) Naphthalene	10.237	128	353224	4.694	ng/ul	100
32) 4-Chloroaniline	10.343	127	144586	4.486	ng/ul	97
33) Hexachlorobutadiene	10.543	225	65462	4.610	ng/ul	98
34) Caprolactam	11.090	113	30135m	3.992	ng/ul	
35) 4-Chloro-3-methylphenol	11.478	107	83543	3.933	ng/ul	98
36) 2-Methylnaphthalene	11.866	142	239583	4.469	ng/ul	99

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Quant Title : SVOA CALIBRATION
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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.090	142	243932	4.630	ng/ul	97
39)	1,2,4,5-Tetrachloroben...	12.248	216	127875	4.601	ng/ul	97
40)	Hexachlorocyclopentadiene	12.237	237	51778	3.808	ng/ul	96
41)	2,4,6-Trichlorophenol	12.484	196	61938	3.770	ng/ul	98
42)	2,4,5-Trichlorophenol	12.554	196	73425	4.017	ng/ul	98
43)	1,1'-Biphenyl	12.907	154	322689	4.628	ng/ul	99
44)	2-Chloronaphthalene	12.942	162	252112	4.650	ng/ul	99
45)	2-Nitroaniline	13.137	65	36086	3.522	ng/ul	93
47)	Dimethylphthalate	13.548	163	314060	4.706	ng/ul	99
48)	2,6-Dinitrotoluene	13.660	165	36361	3.480	ng/ul	94
50)	Acenaphthylene	13.801	152	424485	4.728	ng/ul	99
51)	3-Nitroaniline	13.984	138	40665	3.327	ng/ul#	93
52)	Acenaphthene	14.160	153	274227	4.729	ng/ul	99
53)	2,4-Dinitrophenol	14.201	184	18867	3.619	ng/ul	96
55)	4-Nitrophenol	14.301	109	40279	4.447	ng/ul	96
56)	Dibenzofuran	14.507	168	389104	4.736	ng/ul	99
57)	2,4-Dinitrotoluene	14.466	165	53903	3.494	ng/ul	90
58)	2,3,4,6-Tetrachlorophenol	14.736	232	57385m	3.885	ng/ul	
59)	Diethylphthalate	14.960	149	285879	4.385	ng/ul	99
61)	Fluorene	15.172	166	321072	4.833	ng/ul	100
62)	4-Chlorophenyl-phenyle...	15.184	204	158100	4.821	ng/ul	99
63)	4-Nitroaniline	15.184	138	45559	3.780	ng/ul	93
66)	4,6-Dinitro-2-methylph...	15.248	198	29261	3.183	ng/ul#	91
67)	N-Nitrosodiphenylamine	15.389	169	255604	4.441	ng/ul	99
68)	4-Bromophenyl-phenylether	16.095	248	89467	4.388	ng/ul	98
69)	Hexachlorobenzene	16.195	284	118487	4.633	ng/ul	95
70)	Atrazine	16.383	200	93642	4.428	ng/ul	99
71)	Pentachlorophenol	16.554	266	59428	3.844	ng/ul	98
72)	Phenanthrene	16.954	178	515448	4.763	ng/ul	99
74)	Anthracene	17.042	178	507101	4.676	ng/ul	100
75)	1,2,3,4-Tetrachloroben...	12.860	216	125801	4.327	ng/uL	98
76)	Pentachlorobenzene	14.425	250	133391	4.536	ng/uL	98
77)	Carbazole	17.330	167	431357	4.437	ng/ul	99
78)	Di-n-butylphthalate	17.960	149	408786	3.812	ng/ul	99
80)	Fluoranthene	19.060	202	554152	4.394	ng/ul	100
82)	Pyrene	19.436	202	630860	4.713	ng/ul	99
83)	Butylbenzylphthalate	20.424	149	111460	2.867	ng/ul	99
84)	3,3'-Dichlorobenzidine	21.260	252	104380	2.698	ng/ul	99
85)	Benzo(a)anthracene	21.318	228	600505	4.411	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.318	149	207607	3.182	ng/ul	98
87)	Chrysene	21.383	228	584890	4.609	ng/ul	99
89)	Di-n-octyl phthalate	22.548	149	250201	2.309	ng/ul	100
90)	Benzo(b)fluoranthene	23.489	252	534837	4.149	ng/ul	99
91)	Benzo(k)fluoranthene	23.548	252	554617	4.313	ng/ul	99
93)	Benzo(a)pyrene	24.324	252	522349	4.302	ng/ul	98
94)	Indeno(1,2,3-cd)pyrene	27.995	276	590372m	3.834	ng/ul	
95)	Dibenzo(a,h)anthracene	28.089	278	483146	3.898	ng/ul	98
96)	Benzo(g,h,i)perylene	29.071	276	540344	4.269	ng/ul	98

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

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