Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081224\
Data File : BM047156.D
Acq On : 12 Aug 2024 14:25
Operator : RC/JU
Sample : P3390-07
Misc : LOD-MDL-WATER-4NG
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 12 15:12:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Aug 11 23:47:58 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/14/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.375	152	282282	20.000	ng		0.00
21) Naphthalene-d8	10.128	136	1210415	20.000	ng		0.00
39) Acenaphthene-d10	14.027	164	789677	20.000	ng		0.00
64) Phenanthrene-d10	16.792	188	1771608	20.000	ng		0.00
76) Chrysene-d12	21.027	240	1701590	20.000	ng		0.00
86) Perylene-d12	23.727	264	2023956	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.022	112	1909491	120.870	ng		0.00
7) Phenol-d6	6.581	99	2680137	123.123	ng		0.00
23) Nitrobenzene-d5	8.522	82	1823527	75.859	ng		0.00
42) 2,4,6-Tribromophenol	15.539	330	1205469	131.653	ng		0.00
45) 2-Fluorobiphenyl	12.639	172	3936313	76.891	ng		0.00
79) Terphenyl-d14	19.462	244	6641397	83.633	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.034	88	26324	4.022	ng		99
3) Pyridine	3.422	79	60595	3.157	ng		96
4) n-Nitrosodimethylamine	3.334	42	30225	3.604	ng	#	98
6) Aniline	6.722	93	95010	4.618	ng		98
8) 2-Chlorophenol	6.945	128	64743	3.758	ng		98
9) Benzaldehyde	6.540	77	66049m	3.812	ng		
10) Phenol	6.604	94	81760	3.764	ng		87
11) bis(2-Chloroethyl)ether	6.822	93	73986	3.978	ng		96
12) 1,3-Dichlorobenzene	7.263	146	76383	3.731	ng		95
13) 1,4-Dichlorobenzene	7.404	146	80228	3.870	ng		98
14) 1,2-Dichlorobenzene	7.716	146	76058	3.888	ng		97
15) Benzyl Alcohol	7.628	79	65191	4.208	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.904	45	97925	4.103	ng		99
17) 2-Methylphenol	7.828	107	55696	3.844	ng		94
18) Hexachloroethane	8.422	117	29668	3.695	ng		91
19) n-Nitroso-di-n-propyla...	8.181	70	58454	3.987	ng		97
20) 3+4-Methylphenols	8.157	107	73818	3.644	ng		98
22) Acetophenone	8.192	105	117496	4.021	ng	#	98
24) Nitrobenzene	8.557	77	96145	3.972	ng		97
25) Isophorone	9.086	82	159346	3.807	ng		99
26) 2-Nitrophenol	9.263	139	32378	3.020	ng		97
27) 2,4-Dimethylphenol	9.339	122	36843	2.934	ng		99
28) bis(2-Chloroethoxy)met...	9.575	93	98698	3.748	ng		99
29) 2,4-Dichlorophenol	9.798	162	61630	3.308	ng		97
30) 1,2,4-Trichlorobenzene	9.998	180	76706	3.638	ng		98
31) Naphthalene	10.175	128	227765	3.777	ng		99
32) Benzoic acid	9.428	122	34411m	2.359	ng		
33) 4-Chloroaniline	10.304	127	87906	3.791	ng		98
34) Hexachlorobutadiene	10.463	225	41231	3.341	ng		98
35) Caprolactam	11.092	113	21353m	3.300	ng		
36) 4-Chloro-3-methylphenol	11.445	107	66134	3.333	ng		98
37) 2-Methylnaphthalene	11.804	142	156457	3.644	ng		99
38) 1-Methylnaphthalene	12.027	142	154052	3.631	ng		99
40) 1,2,4,5-Tetrachloroben...	12.186	216	80237	3.725	ng		99
41) Hexachlorocyclopentadiene	12.163	237	27733	3.687	ng		96
43) 2,4,6-Trichlorophenol	12.445	196	48978	3.199	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.522	196	54429	3.202	ng		97
46) 1,1'-Biphenyl	12.851	154	218671	3.890	ng		99
47) 2-Chloronaphthalene	12.886	162	171865	3.911	ng		98
48) 2-Nitroaniline	13.110	65	45492	3.305	ng		94
49) Acenaphthylene	13.745	152	271113	4.186	ng		98
50) Dimethylphthalate	13.504	163	214558	3.890	ng		100
51) 2,6-Dinitrotoluene	13.621	165	42296	3.281	ng		96
52) Acenaphthene	14.092	154	158159	3.850	ng		97
53) 3-Nitroaniline	13.957	138	41420	3.206	ng	#	92
54) 2,4-Dinitrophenol	14.174	184	16486	2.134	ng		97
55) Dibenzofuran	14.433	168	265427	4.090	ng		99
56) 4-Nitrophenol	14.298	139	32738m	2.939	ng		
57) 2,4-Dinitrotoluene	14.421	165	53473	3.107	ng		89
58) Fluorene	15.092	166	213218	3.982	ng		96
59) 2,3,4,6-Tetrachlorophenol	14.674	232	48280	3.456	ng		95
60) Diethylphthalate	14.892	149	207558	3.685	ng		99
61) 4-Chlorophenyl-phenyle...	15.098	204	100486	3.942	ng		99
62) 4-Nitroaniline	15.127	138	40653m	3.194	ng		
63) Azobenzene	15.392	77	204097	3.822	ng		99
65) 4,6-Dinitro-2-methylph...	15.192	198	24492	2.361	ng		95
66) n-Nitrosodiphenylamine	15.316	169	178622	3.702	ng		99
67) 4-Bromophenyl-phenylether	15.992	248	57793	3.385	ng		97
68) Hexachlorobenzene	16.092	284	73563	3.598	ng		97
69) Atrazine	16.286	200	60650	4.177	ng		99
70) Pentachlorophenol	16.451	266	36766	2.565	ng		97
71) Phenanthrene	16.833	178	344797	3.878	ng		99
72) Anthracene	16.921	178	326916	3.779	ng		99
73) Carbazole	17.204	167	314299	3.558	ng		99
74) Di-n-butylphthalate	17.792	149	355031	3.454	ng		98
75) Fluoranthene	18.868	202	380900	3.522	ng		99
77) Benzidine	19.074	184	61626	2.136	ng		100
78) Pyrene	19.233	202	404004	3.325	ng		98
80) Butylbenzylphthalate	20.174	149	151535	3.056	ng		98
81) Benzo(a)anthracene	21.009	228	410144	3.631	ng		98
82) 3,3'-Dichlorobenzidine	20.956	252	129219	3.656	ng		96
83) Chrysene	21.062	228	381771	3.562	ng		99
84) Bis(2-ethylhexyl)phtha...	20.974	149	224516	3.193	ng		100
85) Di-n-octyl phthalate	22.003	149	347597	2.908	ng		97
87) Indeno(1,2,3-cd)pyrene	26.709	276	470521	3.597	ng		99
88) Benzo(b)fluoranthene	22.874	252	410490	3.415	ng		98
89) Benzo(k)fluoranthene	22.933	252	396504	3.493	ng		99
90) Benzo(a)pyrene	23.591	252	345243	3.316	ng		97
91) Dibenzo(a,h)anthracene	26.762	278	392911	3.711	ng		98
92) Benzo(g,h,i)perylene	27.632	276	398338	3.624	ng		99

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

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