Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021224\
Data File : BM044054.D
Acq On : 12 Feb 2024 13:29
Operator : MA/JU
Sample : 03572-09
Misc : MDL-MDL-WATER-4PPM
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 12 14:03:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 09 02:42:01 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2023

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.904	152	355136	20.000	ng		0.00
21) Naphthalene-d8	10.710	136	1714887	20.000	ng		0.00
39) Acenaphthene-d10	14.551	164	1046271	20.000	ng		0.00
64) Phenanthrene-d10	17.304	188	2046600	20.000	ng		0.00
76) Chrysene-d12	21.503	240	1734146	20.000	ng		0.00
86) Perylene-d12	23.897	264	1955615	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.475	112	3517634	144.062	ng		0.00
7) Phenol-d6	7.075	99	4879731	157.069	ng		0.00
23) Nitrobenzene-d5	9.075	82	2622920	81.161	ng		0.00
42) 2,4,6-Tribromophenol	16.045	330	1525299	134.646	ng		0.00
45) 2-Fluorobiphenyl	13.174	172	5852748	78.948	ng		0.00
79) Terphenyl-d14	19.945	244	7590856	76.735	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.387	88	41129	4.244	ng		97
3) Pyridine	3.793	79	102855	4.020	ng		95
4) n-Nitrosodimethylamine	3.710	42	39710	4.091	ng	#	93
6) Aniline	7.239	93	158923	5.203	ng		97
8) 2-Chlorophenol	7.463	128	101423	3.978	ng		99
9) Benzaldehyde	7.051	77	89573m	5.610	ng		
10) Phenol	7.098	94	148498	4.736	ng		90
11) bis(2-Chloroethyl)ether	7.340	93	110210	4.245	ng		99
12) 1,3-Dichlorobenzene	7.792	146	106933	3.694	ng		97
13) 1,4-Dichlorobenzene	7.939	146	109024	3.736	ng		96
14) 1,2-Dichlorobenzene	8.257	146	104756	3.767	ng		98
15) Benzyl Alcohol	8.151	79	93718	4.633	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.445	45	151097	4.590	ng		97
17) 2-Methylphenol	8.351	107	88592	4.304	ng		98
18) Hexachloroethane	8.981	117	39520	3.617	ng		100
19) n-Nitroso-di-n-propyla...	8.722	70	86907	4.556	ng		97
20) 3+4-Methylphenols	8.681	107	117847	4.160	ng		99
22) Acetophenone	8.734	105	176191	4.048	ng	#	98
24) Nitrobenzene	9.116	77	132119	3.992	ng		97
25) Isophorone	9.639	82	225895	3.630	ng		98
26) 2-Nitrophenol	9.822	139	46582	3.036	ng		98
27) 2,4-Dimethylphenol	9.886	122	85399	4.353	ng		97
28) bis(2-Chloroethoxy)met...	10.133	93	157227	3.907	ng		99
29) 2,4-Dichlorophenol	10.357	162	88368	3.421	ng		96
30) 1,2,4-Trichlorobenzene	10.569	180	101762	3.504	ng		99
31) Naphthalene	10.757	128	355708	3.758	ng		98
32) Benzoic acid	9.945	122	34754	1.759	ng		93
33) 4-Chloroaniline	10.880	127	142410	3.974	ng		99
34) Hexachlorobutadiene	11.033	225	55752	3.353	ng		99
35) Caprolactam	11.651	113	24699m	2.971	ng		
36) 4-Chloro-3-methylphenol	11.998	107	91151	3.259	ng		99
37) 2-Methylnaphthalene	12.369	142	239029	3.791	ng		98
38) 1-Methylnaphthalene	12.586	142	234667	3.788	ng		96
40) 1,2,4,5-Tetrachloroben...	12.733	216	114154	3.754	ng		99
41) Hexachlorocyclopentadiene	12.710	237	52998	3.993	ng		95
43) 2,4,6-Trichlorophenol	12.980	196	60852	2.940	ng		92

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.045	196	67945	2.992	ng		98
46) 1,1'-Biphenyl	13.386	154	314896	3.814	ng		98
47) 2-Chloronaphthalene	13.427	162	237029	3.624	ng		98
48) 2-Nitroaniline	13.639	65	56707	3.082	ng		89
49) Acenaphthylene	14.268	152	374233	3.836	ng		100
50) Dimethylphthalate	14.016	163	278777	3.594	ng		100
51) 2,6-Dinitrotoluene	14.139	165	52028	3.040	ng		88
52) Acenaphthene	14.610	154	222064	3.678	ng		98
53) 3-Nitroaniline	14.468	138	52877	2.875	ng		96
54) 2,4-Dinitrophenol	14.668	184	16231	7.057	ng	#	84
55) Dibenzofuran	14.951	168	362575	3.879	ng		100
56) 4-Nitrophenol	14.768	139	34547	2.310	ng		90
57) 2,4-Dinitrotoluene	14.921	165	59741	2.671	ng		92
58) Fluorene	15.598	166	277836	3.847	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.174	232	58304	3.271	ng		94
60) Diethylphthalate	15.380	149	270592	3.375	ng		98
61) 4-Chlorophenyl-phenyle...	15.598	204	132525	3.787	ng		98
62) 4-Nitroaniline	15.627	138	49748m	2.687	ng		
63) Azobenzene	15.892	77	261626	3.478	ng		97
65) 4,6-Dinitro-2-methylph...	15.680	198	25207	2.067	ng		94
66) n-Nitrosodiphenylamine	15.815	169	225477	3.626	ng		99
67) 4-Bromophenyl-phenylether	16.498	248	65971	3.260	ng		97
68) Hexachlorobenzene	16.592	284	90363	3.646	ng		97
69) Atrazine	16.774	200	68891	4.092	ng		99
70) Pentachlorophenol	16.945	266	39900	2.474	ng		99
71) Phenanthrene	17.345	178	429737	3.976	ng		99
72) Anthracene	17.433	178	398995	3.729	ng		99
73) Carbazole	17.709	167	366493	3.522	ng		100
74) Di-n-butylphthalate	18.286	149	394496	2.917	ng		99
75) Fluoranthene	19.362	202	433896	3.574	ng		99
77) Benzidine	19.562	184	98449	3.653	ng		98
78) Pyrene	19.727	202	456774	3.420	ng		99
80) Butylbenzylphthalate	20.650	149	144223	2.429	ng		93
81) Benzo(a)anthracene	21.486	228	441115	3.657	ng		99
82) 3,3'-Dichlorobenzidine	21.427	252	132023	3.336	ng		97
83) Chrysene	21.539	228	417717	3.665	ng		99
84) Bis(2-ethylhexyl)phtha...	21.439	149	223978	2.557	ng		98
85) Di-n-octyl phthalate	22.374	149	344453	2.252	ng		96
87) Indeno(1,2,3-cd)pyrene	26.374	276	479456	3.464	ng		100
88) Benzo(b)fluoranthene	23.168	252	421144	3.445	ng		99
89) Benzo(k)fluoranthene	23.215	252	411246	3.540	ng		99
90) Benzo(a)pyrene	23.791	252	350136	3.279	ng		98
91) Dibenzo(a,h)anthracene	26.409	278	410883	3.549	ng		97
92) Benzo(g,h,i)perylene	27.132	276	396998	3.381	ng		99

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

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