Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081324\
Data File : BM047173.D
Acq On : 13 Aug 2024 13:47
Operator : RC/JU
Sample : P3390-09
Misc : MDL-MDL-WATER-8NG
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2024

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024

Quant Time: Aug 13 14:24:08 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.369	152	205374	20.000	ng		0.00
21) Naphthalene-d8	10.128	136	878013	20.000	ng		0.00
39) Acenaphthene-d10	14.027	164	587912	20.000	ng		0.00
64) Phenanthrene-d10	16.786	188	1295651	20.000	ng		0.00
76) Chrysene-d12	21.027	240	1223995	20.000	ng		0.00
86) Perylene-d12	23.721	264	1419644	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.022	112	1461735	127.177	ng		0.00
7) Phenol-d6	6.581	99	2015501	127.263	ng		0.00
23) Nitrobenzene-d5	8.516	82	1488749	85.378	ng		0.00
42) 2,4,6-Tribromophenol	15.533	330	887164	130.141	ng		0.00
45) 2-Fluorobiphenyl	12.639	172	3157630	82.848	ng		0.00
79) Terphenyl-d14	19.456	244	4842848	84.780	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.034	88	41471	8.708	ng		96
3) Pyridine	3.416	79	105082	7.525	ng		96
4) n-Nitrosodimethylamine	3.328	42	51510	8.443	ng	#	99
6) Aniline	6.716	93	151242	10.104	ng		99
8) 2-Chlorophenol	6.945	128	106707	8.512	ng		97
9) Benzaldehyde	6.534	77	101193m	8.931	ng		
10) Phenol	6.604	94	128610	8.138	ng		96
11) bis(2-Chloroethyl)ether	6.822	93	112499	8.313	ng		98
12) 1,3-Dichlorobenzene	7.257	146	119647	8.032	ng		99
13) 1,4-Dichlorobenzene	7.404	146	122177	8.101	ng		98
14) 1,2-Dichlorobenzene	7.710	146	116622	8.195	ng		99
15) Benzyl Alcohol	7.622	79	85490	7.585	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.892	45	162099	9.334	ng		99
17) 2-Methylphenol	7.828	107	86086	8.165	ng		97
18) Hexachloroethane	8.422	117	45990	7.872	ng		95
19) n-Nitroso-di-n-propyla...	8.181	70	96054	9.004	ng		92
20) 3+4-Methylphenols	8.157	107	119633	8.117	ng		97
22) Acetophenone	8.187	105	182282	8.601	ng	#	96
24) Nitrobenzene	8.557	77	148487	8.457	ng		99
25) Isophorone	9.081	82	247786	8.161	ng		100
26) 2-Nitrophenol	9.257	139	51415	6.612	ng		96
27) 2,4-Dimethylphenol	9.339	122	72228	7.930	ng		100
28) bis(2-Chloroethoxy)met...	9.569	93	158860	8.316	ng		99
29) 2,4-Dichlorophenol	9.792	162	98297	7.273	ng		98
30) 1,2,4-Trichlorobenzene	9.992	180	117083	7.655	ng		99
31) Naphthalene	10.175	128	353330	8.078	ng		98
32) Benzoic acid	9.439	122	54807m	5.179	ng		
33) 4-Chloroaniline	10.304	127	142877	8.494	ng		99
34) Hexachlorobutadiene	10.463	225	62454	6.976	ng		99
35) Caprolactam	11.081	113	32700	6.967	ng	#	88
36) 4-Chloro-3-methylphenol	11.445	107	105685	7.343	ng		99
37) 2-Methylnaphthalene	11.804	142	250673	8.049	ng		98
38) 1-Methylnaphthalene	12.028	142	236490	7.684	ng		99
40) 1,2,4,5-Tetrachloroben...	12.180	216	121333	7.566	ng		99
41) Hexachlorocyclopentadiene	12.157	237	45557	8.136	ng		94
43) 2,4,6-Trichlorophenol	12.439	196	77806	6.827	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.516	196	86744	6.855	ng		96
46) 1,1'-Biphenyl	12.851	154	348214	8.320	ng		99
47) 2-Chloronaphthalene	12.880	162	266726	8.153	ng		99
48) 2-Nitroaniline	13.110	65	77240	7.537	ng		89
49) Acenaphthylene	13.745	152	426763	8.850	ng		100
50) Dimethylphthalate	13.504	163	331868	8.082	ng		100
51) 2,6-Dinitrotoluene	13.621	165	67146	6.996	ng		96
52) Acenaphthene	14.092	154	247194	8.081	ng		99
53) 3-Nitroaniline	13.951	138	68674	7.140	ng	#	88
54) 2,4-Dinitrophenol	14.169	184	26009	4.521	ng		92
55) Dibenzofuran	14.433	168	410604	8.498	ng		99
56) 4-Nitrophenol	14.292	139	53635	6.467	ng		90
57) 2,4-Dinitrotoluene	14.421	165	89788	7.008	ng	#	88
58) Fluorene	15.086	166	330740	8.296	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.669	232	74335	7.147	ng		95
60) Diethylphthalate	14.886	149	327971	7.822	ng		99
61) 4-Chlorophenyl-phenyle...	15.092	204	154457	8.138	ng		99
62) 4-Nitroaniline	15.127	138	65534	6.916	ng		92
63) Azobenzene	15.386	77	339230	8.533	ng		97
65) 4,6-Dinitro-2-methylph...	15.192	198	41495	5.470	ng		93
66) n-Nitrosodiphenylamine	15.316	169	281235	7.969	ng		99
67) 4-Bromophenyl-phenylether	15.992	248	91641	7.340	ng		98
68) Hexachlorobenzene	16.092	284	112267	7.508	ng		95
69) Atrazine	16.286	200	93285	8.784	ng		98
70) Pentachlorophenol	16.451	266	58475	5.579	ng		98
71) Phenanthrene	16.833	178	535987	8.243	ng		100
72) Anthracene	16.921	178	520703	8.230	ng		99
73) Carbazole	17.204	167	499722	7.736	ng		100
74) Di-n-butylphthalate	17.792	149	544404	7.243	ng		98
75) Fluoranthene	18.862	202	585822	7.407	ng		98
77) Benzidine	19.074	184	226921	10.932	ng		100
78) Pyrene	19.233	202	627668	7.182	ng		99
80) Butylbenzylphthalate	20.174	149	235259	6.596	ng		98
81) Benzo(a)anthracene	21.009	228	634899	7.814	ng		100
82) 3,3'-Dichlorobenzidine	20.956	252	207029	8.143	ng		98
83) Chrysene	21.068	228	603192	7.824	ng		98
84) Bis(2-ethylhexyl)phtha...	20.974	149	344883	6.818	ng		99
85) Di-n-octyl phthalate	22.009	149	540319	6.285	ng	#	96
87) Indeno(1,2,3-cd)pyrene	26.703	276	716650	7.810	ng		98
88) Benzo(b)fluoranthene	22.880	252	625057	7.414	ng		99
89) Benzo(k)fluoranthene	22.933	252	637420	8.005	ng		99
90) Benzo(a)pyrene	23.597	252	561152	7.684	ng		98
91) Dibenzo(a,h)anthracene	26.756	278	586085	7.892	ng		98
92) Benzo(g,h,i)perylene	27.626	276	575053	7.458	ng		98

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

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