Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081224\
Data File : BM047163.D
Acq On : 12 Aug 2024 20:11
Operator : RC/JU
Sample : P3390-08
Misc : LOQ-WATER-10NG
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Aug 12 23:44:27 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 :
LOQ-WATER-02-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	7.369	152	315560	20.000	ng		0.00
21) Naphthalene-d8	10.127	136	1342194	20.000	ng		0.00
39) Acenaphthene-d10	14.027	164	890070	20.000	ng		0.00
64) Phenanthrene-d10	16.792	188	2006678	20.000	ng		0.00
76) Chrysene-d12	21.027	240	1845811	20.000	ng		0.00
86) Perylene-d12	23.721	264	1970965	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.022	112	2534553	143.518	ng		0.00
7) Phenol-d6	6.587	99	3549587	145.868	ng		0.00
23) Nitrobenzene-d5	8.522	82	2340453	87.804	ng		0.00
42) 2,4,6-Tribromophenol	15.539	330	1656632	160.518	ng		0.00
45) 2-Fluorobiphenyl	12.639	172	5154901	89.337	ng		0.00
79) Terphenyl-d14	19.462	244	8610873	99.962	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.040	88	86099	11.767	ng		100
3) Pyridine	3.416	79	225412	10.505	ng		99
4) n-Nitrosodimethylamine	3.328	42	107563	11.474	ng	#	90
6) Aniline	6.722	93	327105	14.222	ng		99
8) 2-Chlorophenol	6.945	128	227612	11.817	ng		97
9) Benzaldehyde	6.539	77	192913m	11.426	ng		
10) Phenol	6.610	94	269877	11.115	ng		98
11) bis(2-Chloroethyl)ether	6.822	93	247837	11.919	ng		99
12) 1,3-Dichlorobenzene	7.263	146	259952	11.357	ng		99
13) 1,4-Dichlorobenzene	7.410	146	266606	11.504	ng		98
14) 1,2-Dichlorobenzene	7.716	146	257645	11.783	ng		99
15) Benzyl Alcohol	7.622	79	217577	12.563	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.910	45	335707	12.581	ng		98
17) 2-Methylphenol	7.828	107	191431	11.817	ng		98
18) Hexachloroethane	8.422	117	101601	11.318	ng		96
19) n-Nitroso-di-n-propyla...	8.181	70	210795	12.860	ng		98
20) 3+4-Methylphenols	8.157	107	263292	11.626	ng		97
22) Acetophenone	8.192	105	391106	12.072	ng		99
24) Nitrobenzene	8.563	77	305995	11.400	ng		99
25) Isophorone	9.086	82	564459	12.162	ng		99
26) 2-Nitrophenol	9.263	139	126653	10.655	ng		99
27) 2,4-Dimethylphenol	9.339	122	135879	9.759	ng		99
28) bis(2-Chloroethoxy)met...	9.569	93	349012	11.951	ng		99
29) 2,4-Dichlorophenol	9.792	162	230433	11.154	ng		98
30) 1,2,4-Trichlorobenzene	9.998	180	258698	11.065	ng		98
31) Naphthalene	10.175	128	766534	11.464	ng		100
32) Benzoic acid	9.463	122	138600	8.568	ng		97
33) 4-Chloroaniline	10.304	127	321481	12.503	ng		99
34) Hexachlorobutadiene	10.463	225	139807	10.216	ng		98
35) Caprolactam	11.092	113	81817	11.403	ng		89
36) 4-Chloro-3-methylphenol	11.445	107	249891	11.357	ng		99
37) 2-Methylnaphthalene	11.804	142	542522	11.396	ng		98
38) 1-Methylnaphthalene	12.027	142	531292	11.292	ng		99
40) 1,2,4,5-Tetrachloroben...	12.180	216	276498	11.389	ng		99
41) Hexachlorocyclopentadiene	12.163	237	110205	13.000	ng		99
43) 2,4,6-Trichlorophenol	12.439	196	189522	10.983	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.516	196	214383	11.190	ng	99
46) 1,1'-Biphenyl	12.851	154	748176	11.807	ng	97
47) 2-Chloronaphthalene	12.886	162	588795	11.888	ng	99
48) 2-Nitroaniline	13.110	65	183853	11.849	ng	95
49) Acenaphthylene	13.745	152	959528	13.144	ng	100
50) Dimethylphthalate	13.510	163	761001	12.242	ng	99
51) 2,6-Dinitrotoluene	13.621	165	163983	11.285	ng	96
52) Acenaphthene	14.092	154	553084	11.943	ng	100
53) 3-Nitroaniline	13.951	138	170604	11.716	ng	95
54) 2,4-Dinitrophenol	14.168	184	81725	9.384	ng	95
55) Dibenzofuran	14.433	168	919663	12.573	ng	99
56) 4-Nitrophenol	14.292	139	140421	11.183	ng	96
57) 2,4-Dinitrotoluene	14.421	165	220688	11.378	ng	96
58) Fluorene	15.092	166	745567	12.353	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.674	232	187823	11.929	ng	98
60) Diethylphthalate	14.892	149	765739	12.063	ng	99
61) 4-Chlorophenyl-phenyle...	15.098	204	342233	11.911	ng	99
62) 4-Nitroaniline	15.127	138	164349m	11.457	ng	
63) Azobenzene	15.392	77	756627	12.571	ng	100
65) 4,6-Dinitro-2-methylph...	15.192	198	114326	9.731	ng	96
66) n-Nitrosodiphenylamine	15.315	169	642157	11.749	ng	99
67) 4-Bromophenyl-phenylether	15.992	248	211545	10.940	ng	99
68) Hexachlorobenzene	16.092	284	249657	10.780	ng	98
69) Atrazine	16.286	200	231803	14.094	ng	99
70) Pentachlorophenol	16.451	266	147719	9.099	ng	99
71) Phenanthrene	16.833	178	1196860	11.885	ng	99
72) Anthracene	16.921	178	1118609	11.416	ng	100
73) Carbazole	17.203	167	1142097	11.415	ng	99
74) Di-n-butylphthalate	17.792	149	1348963	11.587	ng	99
75) Fluoranthene	18.868	202	1361106	11.112	ng	99
77) Benzidine	19.074	184	365509	11.677	ng	99
78) Pyrene	19.233	202	1444557	10.961	ng	99
80) Butylbenzylphthalate	20.174	149	604266	11.235	ng	97
81) Benzo(a)anthracene	21.009	228	1387800	11.326	ng	99
82) 3,3'-Dichlorobenzidine	20.950	252	510947	13.327	ng	100
83) Chrysene	21.062	228	1281194	11.020	ng	99
84) Bis(2-ethylhexyl)phtha...	20.974	149	890645	11.676	ng	99
85) Di-n-octyl phthalate	22.003	149	1442323	11.125	ng	98
87) Indeno(1,2,3-cd)pyrene	26.703	276	1425378	11.188	ng	99
88) Benzo(b)fluoranthene	22.874	252	1387967	11.858	ng	99
89) Benzo(k)fluoranthene	22.933	252	1345545	12.171	ng	100
90) Benzo(a)pyrene	23.591	252	1180861	11.646	ng	99
91) Dibenzo(a,h)anthracene	26.756	278	1187443	11.517	ng	99
92) Benzo(g,h,i)perylene	27.632	276	1138997	10.640	ng	99

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

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