Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081424\
Data File : BP021497.D
Acq On : 14 Aug 2024 12:48
Operator : RC/JU
Sample : P3390-07
Misc : LOD-MDL-WATER-4ng
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 14 13:13:56 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 14 00:00:30 2024
Response via : Initial Calibration

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

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/14/2024
Supervised By :mohammad ahmed 08/16/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.810	152	412217	20.000	ng		0.00
21) Naphthalene-d8	10.593	136	1881119	20.000	ng		0.00
39) Acenaphthene-d10	14.457	164	1314649	20.000	ng		0.00
64) Phenanthrene-d10	17.251	188	2765237	20.000	ng		0.00
76) Chrysene-d12	21.698	240	2100117	20.000	ng		0.00
86) Perylene-d12	25.115	264	2154157	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.399	112	3675196	132.386	ng		0.00
7) Phenol-d6	6.963	99	5433379	134.166	ng		0.00
23) Nitrobenzene-d5	8.952	82	3634758	99.732	ng		0.00
42) 2,4,6-Tribromophenol	15.963	330	2039978	139.424	ng		0.00
45) 2-Fluorobiphenyl	13.069	172	7482869	86.868	ng		0.00
79) Terphenyl-d14	19.980	244	10025022	92.737	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.322	88	57504	4.369	ng		98
3) Pyridine	3.717	79	137359	3.738	ng		99
4) n-Nitrosodimethylamine	3.622	42	47649	4.314	ng	#	98
6) Aniline	7.134	93	208245	5.144	ng		99
8) 2-Chlorophenol	7.369	128	113798	4.436	ng		97
9) Benzaldehyde	6.946	77	149483	5.765	ng		99
10) Phenol	6.987	94	180652	4.308	ng		92
11) bis(2-Chloroethyl)ether	7.228	93	159164	4.485	ng		99
12) 1,3-Dichlorobenzene	7.699	146	126330	4.146	ng		97
13) 1,4-Dichlorobenzene	7.840	146	130016	4.225	ng		98
14) 1,2-Dichlorobenzene	8.157	146	124612	4.202	ng		100
15) Benzyl Alcohol	8.028	79	133437	4.592	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.322	45	155314	4.753	ng		98
17) 2-Methylphenol	8.228	107	112578	4.246	ng		97
18) Hexachloroethane	8.887	117	51277	4.156	ng		97
19) n-Nitroso-di-n-propyla...	8.599	70	136482	4.879	ng		98
20) 3+4-Methylphenols	8.552	107	148207	4.146	ng		98
22) Acetophenone	8.616	105	255009	4.413	ng	#	97
24) Nitrobenzene	8.993	77	182733	4.616	ng		98
25) Isophorone	9.516	82	383358	4.452	ng		99
26) 2-Nitrophenol	9.704	139	30082	5.269	ng		93
27) 2,4-Dimethylphenol	9.763	122	87177	4.103	ng		94
28) bis(2-Chloroethoxy)met...	9.999	93	228359	4.345	ng		98
29) 2,4-Dichlorophenol	10.234	162	94157	3.750	ng		97
30) 1,2,4-Trichlorobenzene	10.451	180	125547	3.901	ng		97
31) Naphthalene	10.646	128	408924	4.161	ng		100
32) Benzoic acid	9.799	122	31816m	6.439	ng		
33) 4-Chloroaniline	10.740	127	162786	4.410	ng		99
34) Hexachlorobutadiene	10.940	225	78616	3.879	ng		97
35) Caprolactam	11.469	113	40817	3.906	ng		96
36) 4-Chloro-3-methylphenol	11.857	107	137532	3.949	ng		95
37) 2-Methylnaphthalene	12.257	142	282219	4.208	ng		100
38) 1-Methylnaphthalene	12.475	142	272390	4.118	ng		99
40) 1,2,4,5-Tetrachloroben...	12.622	216	158826	4.123	ng		99
41) Hexachlorocyclopentadiene	12.610	237	49959	4.092	ng		95
43) 2,4,6-Trichlorophenol	12.857	196	76801	3.589	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.922	196	87047	3.662	ng		97
46) 1,1'-Biphenyl	13.269	154	403183	4.335	ng		98
47) 2-Chloronaphthalene	13.310	162	297295	4.105	ng		98
48) 2-Nitroaniline	13.498	65	60182	7.795	ng		92
49) Acenaphthylene	14.169	152	473253	4.446	ng		99
50) Dimethylphthalate	13.887	163	375293	4.263	ng		99
51) 2,6-Dinitrotoluene	14.004	165	51764	6.658	ng	#	82
52) Acenaphthene	14.516	154	287416	4.115	ng		100
53) 3-Nitroaniline	14.334	138	51377	6.668	ng	#	88
54) 2,4-Dinitrophenol	14.534	184	12152	6.014	ng	#	1
55) Dibenzofuran	14.851	168	468887	4.364	ng		100
56) 4-Nitrophenol	14.628	139	36618	7.427	ng		89
57) 2,4-Dinitrotoluene	14.804	165	55046	7.204	ng		93
58) Fluorene	15.516	166	368582	4.176	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.081	232	76939	3.813	ng	#	99
60) Diethylphthalate	15.281	149	368291	4.077	ng		99
61) 4-Chlorophenyl-phenyle...	15.516	204	193137	4.233	ng		98
62) 4-Nitroaniline	15.516	138	51938	5.651	ng	#	82
63) Azobenzene	15.810	77	489669	4.410	ng		98
65) 4,6-Dinitro-2-methylph...	15.581	198	17389	7.260	ng		84
66) n-Nitrosodiphenylamine	15.722	169	318747	4.301	ng		99
67) 4-Bromophenyl-phenylether	16.428	248	112906	3.858	ng		96
68) Hexachlorobenzene	16.539	284	139986	4.048	ng		97
69) Atrazine	16.692	200	99974	3.929	ng		98
70) Pentachlorophenol	16.886	266	51740	2.741	ng		97
71) Phenanthrene	17.292	178	572161	4.302	ng		99
72) Anthracene	17.381	178	541919	4.155	ng		99
73) Carbazole	17.663	167	481754	3.833	ng		98
74) Di-n-butylphthalate	18.269	149	525569	3.405	ng		99
75) Fluoranthene	19.375	202	586543	3.595	ng		99
77) Benzidine	19.557	184	159538	7.075	ng		99
78) Pyrene	19.751	202	612997	4.466	ng		99
80) Butylbenzylphthalate	20.704	149	133630	5.975	ng		97
81) Benzo(a)anthracene	21.680	228	547648	4.154	ng		99
82) 3,3'-Dichlorobenzidine	21.592	252	152963	3.619	ng		99
83) Chrysene	21.745	228	506248	4.067	ng		99
84) Bis(2-ethylhexyl)phtha...	21.639	149	241405	3.098	ng		100
85) Di-n-octyl phthalate	22.951	149	296096	6.781	ng		96
87) Indeno(1,2,3-cd)pyrene	28.939	276	509428m	3.648	ng		
88) Benzo(b)fluoranthene	24.021	252	470703	3.805	ng		98
89) Benzo(k)fluoranthene	24.092	252	460588	3.816	ng		99
90) Benzo(a)pyrene	24.933	252	414694	3.863	ng		98
91) Dibenzo(a,h)anthracene	29.056	278	432564	3.728	ng		99
92) Benzo(g,h,i)perylene	30.150	276	416862	3.585	ng		97

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

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