Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020224\
Data File : BP019548.D
Acq On : 03 Feb 2024 02:57
Operator : MA/JU
Sample : P1187-07
Misc : LOD-MDL-WATER 4PPM
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Feb 03 03:27:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 01 00:51:48 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.911	152	70292	20.000	ng		0.00
21) Naphthalene-d8	10.710	136	301262	20.000	ng		0.00
39) Acenaphthene-d10	14.540	164	218829	20.000	ng		-0.01
64) Phenanthrene-d10	17.298	188	542756	20.000	ng		0.00
76) Chrysene-d12	21.386	240	531904	20.000	ng		0.00
86) Perylene-d12	23.804	264	488650	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	567009	130.025	ng		0.00
7) Phenol-d6	7.075	99	780689	132.773	ng		-0.01
23) Nitrobenzene-d5	9.081	82	538144	77.403	ng		0.00
42) 2,4,6-Tribromophenol	16.034	330	495799	155.177	ng		0.00
45) 2-Fluorobiphenyl	13.175	172	1344921	75.978	ng		0.00
79) Terphenyl-d14	19.869	244	2706336	83.675	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.387	88	6931	4.125	ng		98
3) Pyridine	3.793	79	17363	3.812	ng		100
4) n-Nitrosodimethylamine	3.711	42	8107m	4.088	ng		
6) Aniline	7.240	93	27716	4.851	ng		99
8) 2-Chlorophenol	7.469	128	16931	3.782	ng		96
9) Benzaldehyde	7.058	77	19427	4.712	ng		98
10) Phenol	7.105	94	23535	4.016	ng		93
11) bis(2-Chloroethyl)ether	7.346	93	17820	3.908	ng		90
12) 1,3-Dichlorobenzene	7.793	146	20169	3.682	ng		93
13) 1,4-Dichlorobenzene	7.946	146	22057	3.974	ng		94
14) 1,2-Dichlorobenzene	8.258	146	20633	3.842	ng		98
15) Benzyl Alcohol	8.158	79	20326	4.326	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.440	45	18625	4.085	ng		98
17) 2-Methylphenol	8.352	107	15994	4.054	ng		96
18) Hexachloroethane	8.981	117	7808	3.629	ng		96
19) n-Nitroso-di-n-propyla...	8.722	70	17393	4.331	ng	#	94
20) 3+4-Methylphenols	8.681	107	21307	3.957	ng		98
22) Acetophenone	8.740	105	33864	3.946	ng	#	94
24) Nitrobenzene	9.122	77	28213	4.030	ng		95
25) Isophorone	9.646	82	46795	3.865	ng		99
26) 2-Nitrophenol	9.828	139	9244	3.463	ng		94
27) 2,4-Dimethylphenol	9.893	122	14659	4.295	ng		98
28) bis(2-Chloroethoxy)met...	10.134	93	26055	3.803	ng	#	98
29) 2,4-Dichlorophenol	10.357	162	18004	3.490	ng		98
30) 1,2,4-Trichlorobenzene	10.569	180	22604	3.573	ng		92
31) Naphthalene	10.757	128	61806	3.741	ng		99
32) Benzoic acid	9.940	122	9142m	2.749	ng		
33) 4-Chloroaniline	10.881	127	25916	4.241	ng		96
34) Hexachlorobutadiene	11.034	225	15943	3.401	ng		95
35) Caprolactam	11.646	113	6679m	4.573	ng		
36) 4-Chloro-3-methylphenol	11.993	107	21339	3.793	ng		98
37) 2-Methylnaphthalene	12.369	142	45810	4.006	ng		94
38) 1-Methylnaphthalene	12.587	142	44472	3.958	ng		96
40) 1,2,4,5-Tetrachloroben...	12.728	216	30391	3.601	ng		97
41) Hexachlorocyclopentadiene	12.704	237	14416	3.781	ng		96
43) 2,4,6-Trichlorophenol	12.975	196	16975	3.322	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.040	196	19044	3.394	ng		98
46) 1,1'-Biphenyl	13.381	154	64421	3.688	ng		100
47) 2-Chloronaphthalene	13.422	162	50658	3.533	ng		98
48) 2-Nitroaniline	13.634	65	13788	3.439	ng		93
49) Acenaphthylene	14.263	152	81448	4.049	ng		99
50) Dimethylphthalate	14.010	163	67525	4.031	ng		99
51) 2,6-Dinitrotoluene	14.128	165	13062	3.549	ng		97
52) Acenaphthene	14.604	154	46567	3.730	ng		98
53) 3-Nitroaniline	14.457	138	13337	3.943	ng		98
54) 2,4-Dinitrophenol	14.663	184	5052	2.644	ng	#	88
55) Dibenzofuran	14.940	168	82086	4.037	ng		97
56) 4-Nitrophenol	14.757	139	9493	3.424	ng		99
57) 2,4-Dinitrotoluene	14.916	165	17192	3.565	ng		98
58) Fluorene	15.592	166	67573	4.173	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.163	232	18294m	3.876	ng		
60) Diethylphthalate	15.375	149	66561	3.995	ng		100
61) 4-Chlorophenyl-phenyle...	15.592	204	37329	4.101	ng		95
62) 4-Nitroaniline	15.616	138	12870	3.630	ng		90
63) Azobenzene	15.887	77	62966	3.908	ng		98
65) 4,6-Dinitro-2-methylph...	15.669	198	8364	2.703	ng		91
66) n-Nitrosodiphenylamine	15.810	169	56188	3.457	ng		99
67) 4-Bromophenyl-phenylether	16.492	248	22651	3.338	ng		96
68) Hexachlorobenzene	16.587	284	27550	3.477	ng		99
69) Atrazine	16.769	200	23695	4.393	ng		98
70) Pentachlorophenol	16.934	266	13797	2.796	ng		98
71) Phenanthrene	17.339	178	110535	3.870	ng		98
72) Anthracene	17.428	178	109248	3.834	ng		98
73) Carbazole	17.704	167	98334	3.799	ng		97
74) Di-n-butylphthalate	18.269	149	108048	3.452	ng		99
75) Fluoranthene	19.304	202	133283	3.820	ng		99
77) Benzidine	19.492	184	61455	5.526	ng		98
78) Pyrene	19.657	202	140966	3.755	ng		100
80) Butylbenzylphthalate	20.551	149	43850	3.128	ng		97
81) Benzo(a)anthracene	21.369	228	140514	3.753	ng		99
82) 3,3'-Dichlorobenzidine	21.310	252	45025	3.300	ng		99
83) Chrysene	21.422	228	129262	3.636	ng		100
84) Bis(2-ethylhexyl)phtha...	21.322	149	65764	3.081	ng		98
85) Di-n-octyl phthalate	22.263	149	98770	2.630	ng		99
87) Indeno(1,2,3-cd)pyrene	26.327	276	116094	3.104	ng		100
88) Benzo(b)fluoranthene	23.063	252	121673	3.951	ng		98
89) Benzo(k)fluoranthene	23.116	252	108546	3.690	ng		99
90) Benzo(a)pyrene	23.692	252	95802	3.496	ng		99
91) Dibenzo(a,h)anthracene	26.351	278	96082	3.123	ng		98
92) Benzo(g,h,i)perylene	27.092	276	93214	2.987	ng		96

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

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