Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020224\
Data File : BP019549.D
Acq On : 03 Feb 2024 03:31
Operator : MA/JU
Sample : P1187-07
Misc : LOD-MDL-WATER 8PPM
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Feb 03 04:00:22 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	42001	20.000	ng		0.00
21) Naphthalene-d8	10.710	136	160900	20.000	ng		0.00
39) Acenaphthene-d10	14.540	164	106429	20.000	ng		-0.01
64) Phenanthrene-d10	17.292	188	253642	20.000	ng		-0.01
76) Chrysene-d12	21.386	240	292040	20.000	ng		0.00
86) Perylene-d12	23.798	264	348747	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	545599	209.391	ng		0.00
7) Phenol-d6	7.075	99	704164	200.425	ng		-0.01
23) Nitrobenzene-d5	9.075	82	435897	117.390	ng		-0.01
42) 2,4,6-Tribromophenol	16.034	330	364773	234.741	ng		0.00
45) 2-Fluorobiphenyl	13.169	172	1001684	116.351	ng		-0.01
79) Terphenyl-d14	19.863	244	2026439	114.113	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.387	88	13810	13.756	ng		98
3) Pyridine	3.787	79	30115	11.065	ng		95
4) n-Nitrosodimethylamine	3.711	42	14112	11.909	ng	#	94
6) Aniline	7.240	93	47413	13.888	ng		99
8) 2-Chlorophenol	7.469	128	31175	11.654	ng		94
9) Benzaldehyde	7.058	77	33779	13.713	ng		93
10) Phenol	7.105	94	41276	11.787	ng		92
11) bis(2-Chloroethyl)ether	7.346	93	30108	11.052	ng		98
12) 1,3-Dichlorobenzene	7.793	146	37650	11.502	ng		94
13) 1,4-Dichlorobenzene	7.946	146	39172	11.812	ng		95
14) 1,2-Dichlorobenzene	8.258	146	37735	11.760	ng		99
15) Benzyl Alcohol	8.158	79	33005m	11.757	ng		
16) 2,2'-oxybis(1-Chloropr...	8.452	45	30590	11.229	ng		99
17) 2-Methylphenol	8.352	107	26738	11.342	ng		93
18) Hexachloroethane	8.981	117	14547	11.317	ng		95
19) n-Nitroso-di-n-propyla...	8.722	70	26720	11.134	ng	#	98
20) 3+4-Methylphenols	8.681	107	35427	11.011	ng		97
22) Acetophenone	8.740	105	53511	11.674	ng	#	97
24) Nitrobenzene	9.122	77	42753	11.435	ng		98
25) Isophorone	9.646	82	71772	11.098	ng		98
26) 2-Nitrophenol	9.828	139	14998	10.521	ng		91
27) 2,4-Dimethylphenol	9.887	122	24003	13.168	ng		95
28) bis(2-Chloroethoxy)met...	10.134	93	40314	11.018	ng		99
29) 2,4-Dichlorophenol	10.358	162	30951	11.233	ng		98
30) 1,2,4-Trichlorobenzene	10.569	180	37839	11.200	ng		95
31) Naphthalene	10.758	128	99536	11.279	ng		98
32) Benzoic acid	9.958	122	15955m	8.984	ng		
33) 4-Chloroaniline	10.881	127	40205	12.320	ng		99
34) Hexachlorobutadiene	11.034	225	27617	11.031	ng		97
35) Caprolactam	11.646	113	9540m	12.230	ng		
36) 4-Chloro-3-methylphenol	11.993	107	31841	10.598	ng		96
37) 2-Methylnaphthalene	12.369	142	67624	11.073	ng		96
38) 1-Methylnaphthalene	12.587	142	67210	11.199	ng		99
40) 1,2,4,5-Tetrachloroben...	12.728	216	47403	11.549	ng		98
41) Hexachlorocyclopentadiene	12.699	237	26048	14.048	ng		95
43) 2,4,6-Trichlorophenol	12.975	196	25704	10.342	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.040	196	29218	10.706	ng		95
46)	1,1'-Biphenyl	13.381	154	96337	11.341	ng		99
47)	2-Chloronaphthalene	13.416	162	76167	10.923	ng		98
48)	2-Nitroaniline	13.628	65	20283	10.403	ng		96
49)	Acenaphthylene	14.263	152	119389	12.204	ng		99
50)	Dimethylphthalate	14.010	163	98664	12.110	ng		100
51)	2,6-Dinitrotoluene	14.128	165	19369	10.820	ng		95
52)	Acenaphthene	14.604	154	69820	11.499	ng		97
53)	3-Nitroaniline	14.457	138	18739	11.391	ng	#	87
54)	2,4-Dinitrophenol	14.663	184	9108	9.800	ng		97
55)	Dibenzofuran	14.940	168	119345	12.068	ng		99
56)	4-Nitrophenol	14.757	139	15550	11.533	ng		94
57)	2,4-Dinitrotoluene	14.910	165	25709	10.960	ng	#	99
58)	Fluorene	15.593	166	96008	12.189	ng		99
59)	2,3,4,6-Tetrachlorophenol	15.163	232	27908	12.157	ng		96
60)	Diethylphthalate	15.375	149	97097	11.981	ng		100
61)	4-Chlorophenyl-phenyle...	15.593	204	52544	11.869	ng		98
62)	4-Nitroaniline	15.616	138	20365m	11.810	ng		
63)	Azobenzene	15.887	77	91844	11.720	ng		100
65)	4,6-Dinitro-2-methylph...	15.675	198	13028	9.008	ng		90
66)	n-Nitrosodiphenylamine	15.810	169	81258	10.697	ng		99
67)	4-Bromophenyl-phenylether	16.493	248	32767	10.334	ng		96
68)	Hexachlorobenzene	16.587	284	39691	10.719	ng		96
69)	Atrazine	16.769	200	34104	13.530	ng		93
70)	Pentachlorophenol	16.940	266	21705	9.413	ng		99
71)	Phenanthrene	17.340	178	155945	11.683	ng		98
72)	Anthracene	17.428	178	157292	11.812	ng		99
73)	Carbazole	17.704	167	140377	11.605	ng		99
74)	Di-n-butylphthalate	18.269	149	167831	11.475	ng		98
75)	Fluoranthene	19.304	202	197401	12.106	ng		99
77)	Benzidine	19.492	184	112501	18.426	ng		98
78)	Pyrene	19.657	202	212102	10.291	ng		98
80)	Butylbenzylphthalate	20.551	149	75685	9.833	ng		98
81)	Benzo(a)anthracene	21.369	228	239735	11.662	ng		99
82)	3,3'-Dichlorobenzidine	21.310	252	89245	11.913	ng		100
83)	Chrysene	21.422	228	217240	11.131	ng		100
84)	Bis(2-ethylhexyl)phtha...	21.316	149	123123	10.505	ng		99
85)	Di-n-octyl phthalate	22.263	149	212717	10.315	ng		100
87)	Indeno(1,2,3-cd)pyrene	26.321	276	290504	10.882	ng		99
88)	Benzo(b)fluoranthene	23.063	252	243991	11.101	ng		99
89)	Benzo(k)fluoranthene	23.116	252	235797	11.231	ng		98
90)	Benzo(a)pyrene	23.692	252	217257	11.109	ng		98
91)	Dibenzo(a,h)anthracene	26.351	278	244889	11.154	ng		98
92)	Benzo(g,h,i)perylene	27.092	276	229357	10.297	ng		99

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

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