

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020524\
 Data File : BP019557.D
 Acq On : 05 Feb 2024 12:08
 Operator : MA/JU
 Sample : 03572-09
 Misc : MDL-WATER-8PPM
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-WATER-03-QT3-2023

Quant Time: Feb 05 12:55:37 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

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2024
 Supervised By :mohammad ahmed 02/08/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	79343	20.000	ng	-0.01
21) Naphthalene-d8	10.710	136	294070	20.000	ng	0.00
39) Acenaphthene-d10	14.545	164	174379	20.000	ng	0.00
64) Phenanthrene-d10	17.298	188	355302	20.000	ng	0.00
76) Chrysene-d12	21.392	240	379447	20.000	ng	0.00
86) Perylene-d12	23.815	264	477138	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	470877	95.663	ng	-0.01
7) Phenol-d6	7.075	99	613601	92.452	ng	-0.01
23) Nitrobenzene-d5	9.075	82	460820	67.902	ng	-0.01
42) 2,4,6-Tribromophenol	16.034	330	234300	92.025	ng	0.00
45) 2-Fluorobiphenyl	13.175	172	980866	69.537	ng	0.00
79) Terphenyl-d14	19.869	244	1445835	62.663	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.387	88	15067	7.945	ng	100
3) Pyridine	3.787	79	32631	6.347	ng	97
4) n-Nitrosodimethylamine	3.705	42	15329	6.848	ng	# 96
6) Aniline	7.240	93	51913	8.050	ng	99
8) 2-Chlorophenol	7.469	128	35527	7.030	ng	98
9) Benzaldehyde	7.052	77	36534	7.851	ng	95
10) Phenol	7.099	94	47793	7.225	ng	98
11) bis(2-Chloroethyl)ether	7.346	93	35202	6.840	ng	96
12) 1,3-Dichlorobenzene	7.793	146	42517	6.876	ng	99
13) 1,4-Dichlorobenzene	7.946	146	43479	6.940	ng	97
14) 1,2-Dichlorobenzene	8.257	146	41161	6.791	ng	97
15) Benzyl Alcohol	8.152	79	33760	6.366	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.452	45	37406	7.268	ng	98
17) 2-Methylphenol	8.352	107	29638	6.655	ng	99
18) Hexachloroethane	8.981	117	15747	6.485	ng	97
19) n-Nitroso-di-n-propyla...	8.722	70	29674	6.546	ng	98
20) 3+4-Methylphenols	8.681	107	38682	6.364	ng	99
22) Acetophenone	8.740	105	59455	7.097	ng	# 97
24) Nitrobenzene	9.116	77	47813	6.997	ng	94
25) Isophorone	9.640	82	75325	6.373	ng	99
26) 2-Nitrophenol	9.828	139	15656	6.009	ng	# 89
27) 2,4-Dimethylphenol	9.887	122	27189	8.161	ng	95
28) bis(2-Chloroethoxy)met...	10.134	93	45389	6.787	ng	# 97
29) 2,4-Dichlorophenol	10.352	162	32060	6.366	ng	97
30) 1,2,4-Trichlorobenzene	10.569	180	42044	6.809	ng	99
31) Naphthalene	10.757	128	108340	6.717	ng	98
32) Benzoic acid	9.952	122	15846m	4.882	ng	
33) 4-Chloroaniline	10.881	127	41887	7.023	ng	98
34) Hexachlorobutadiene	11.034	225	30734	6.717	ng	98
35) Caprolactam	11.646	113	7164	5.025	ng	94
36) 4-Chloro-3-methylphenol	11.998	107	32910	5.993	ng	97
37) 2-Methylnaphthalene	12.369	142	74374	6.663	ng	99
38) 1-Methylnaphthalene	12.587	142	72367	6.598	ng	98
40) 1,2,4,5-Tetrachloroben...	12.728	216	50095	7.449	ng	100
41) Hexachlorocyclopentadiene	12.704	237	28003	9.217	ng	97
43) 2,4,6-Trichlorophenol	12.975	196	26579	6.527	ng	94

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44) 2,4,5-Trichlorophenol	13.040	196	27352	6.117	ng	95
46) 1,1'-Biphenyl	13.381	154	100343	7.210	ng	97
47) 2-Chloronaphthalene	13.422	162	80907	7.082	ng	98
48) 2-Nitroaniline	13.634	65	18308	5.731	ng	97
49) Acenaphthylene	14.263	152	118206	7.375	ng	98
50) Dimethylphthalate	14.010	163	88950	6.663	ng	98
51) 2,6-Dinitrotoluene	14.134	165	16930	5.772	ng	93
52) Acenaphthene	14.604	154	66812	6.716	ng	96
53) 3-Nitroaniline	14.457	138	16362	6.070	ng	# 97
54) 2,4-Dinitrophenol	14.663	184	7378	4.845	ng	94
55) Dibenzofuran	14.945	168	113205	6.987	ng	97
56) 4-Nitrophenol	14.757	139	11980	5.423	ng	94
57) 2,4-Dinitrotoluene	14.916	165	20721	5.391	ng	# 96
58) Fluorene	15.592	166	85992	6.663	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.169	232	23745	6.313	ng	98
60) Diethylphthalate	15.381	149	82659	6.225	ng	99
61) 4-Chlorophenyl-phenyle...	15.598	204	49042	6.761	ng	96
62) 4-Nitroaniline	15.622	138	15256	5.400	ng	94
63) Azobenzene	15.887	77	81030	6.311	ng	97
65) 4,6-Dinitro-2-methylph...	15.675	198	10444	5.155	ng	91
66) n-Nitrosodiphenylamine	15.810	169	70767	6.650	ng	97
67) 4-Bromophenyl-phenylether	16.492	248	28617	6.443	ng	96
68) Hexachlorobenzene	16.592	284	34132	6.580	ng	97
69) Atrazine	16.775	200	25401	7.194	ng	96
70) Pentachlorophenol	16.939	266	16685	5.165	ng	96
71) Phenanthrene	17.339	178	128852	6.891	ng	100
72) Anthracene	17.433	178	125957	6.753	ng	99
73) Carbazole	17.710	167	109320	6.451	ng	99
74) Di-n-butylphthalate	18.275	149	120705	5.891	ng	99
75) Fluoranthene	19.310	202	150476	6.588	ng	99
77) Benzidine	19.504	184	76058	9.588	ng	98
78) Pyrene	19.663	202	162188	6.056	ng	98
80) Butylbenzylphthalate	20.557	149	52122	5.212	ng	98
81) Benzo(a)anthracene	21.380	228	180013	6.739	ng	99
82) 3,3'-Dichlorobenzidine	21.316	252	65259	6.705	ng	97
83) Chrysene	21.427	228	171677	6.770	ng	98
84) Bis(2-ethylhexyl)phtha...	21.327	149	86640	5.689	ng	99
85) Di-n-octyl phthalate	22.274	149	147761	5.515	ng	100
87) Indeno(1,2,3-cd)pyrene	26.339	276	239746	6.564	ng	99
88) Benzo(b)fluoranthene	23.074	252	193763	6.443	ng	99
89) Benzo(k)fluoranthene	23.121	252	187987	6.544	ng	98
90) Benzo(a)pyrene	23.704	252	170038	6.355	ng	99
91) Dibenzo(a,h)anthracene	26.362	278	196844	6.553	ng	99
92) Benzo(g,h,i)perylene	27.115	276	189541	6.220	ng	96

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

