

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020224\
 Data File : BP019541.D
 Acq On : 02 Feb 2024 22:59
 Operator : MA/JU
 Sample : 03572-09
 Misc : MDL-MDL-WATER 4PPM
 ALS Vial : 22 Sample Multiplier: 1

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

Quant Time: Feb 02 23:59:45 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 02/05/2024
 Supervised By :mohammad ahmed 02/06/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.910	152	68431	20.000	ng	0.00
21) Naphthalene-d8	10.710	136	261612	20.000	ng	0.00
39) Acenaphthene-d10	14.540	164	175356	20.000	ng	-0.01
64) Phenanthrene-d10	17.298	188	437495	20.000	ng	0.00
76) Chrysene-d12	21.386	240	501777	20.000	ng	0.00
86) Perylene-d12	23.804	264	601196	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	563423	132.717	ng	0.00
7) Phenol-d6	7.081	99	729166	127.383	ng	0.00
23) Nitrobenzene-d5	9.081	82	472745	78.302	ng	0.00
42) 2,4,6-Tribromophenol	16.034	330	394929	154.250	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	1082629	76.323	ng	-0.01
79) Terphenyl-d14	19.869	244	2302198	75.453	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.387	88	7392	4.519	ng	99
3) Pyridine	3.793	79	16224	3.659	ng	98
4) n-Nitrosodimethylamine	3.711	42	7385	3.825	ng	# 86
6) Aniline	7.240	93	24607	4.424	ng	99
8) 2-Chlorophenol	7.469	128	16101	3.694	ng	95
9) Benzaldehyde	7.058	77	18556	4.624	ng	93
10) Phenol	7.105	94	22191	3.890	ng	86
11) bis(2-Chloroethyl)ether	7.346	93	16241	3.659	ng	92
12) 1,3-Dichlorobenzene	7.793	146	21052	3.947	ng	99
13) 1,4-Dichlorobenzene	7.946	146	20364	3.769	ng	96
14) 1,2-Dichlorobenzene	8.258	146	19867	3.800	ng	92
15) Benzyl Alcohol	8.158	79	17255	3.773	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.440	45	16302	3.673	ng	98
17) 2-Methylphenol	8.358	107	14132	3.679	ng	95
18) Hexachloroethane	8.981	117	8019	3.829	ng	95
19) n-Nitroso-di-n-propyla...	8.722	70	14089	3.603	ng	91
20) 3+4-Methylphenols	8.681	107	18482	3.526	ng	99
22) Acetophenone	8.740	105	29235	3.923	ng	# 95
24) Nitrobenzene	9.116	77	24971	4.108	ng	97
25) Isophorone	9.646	82	37619	3.578	ng	98
26) 2-Nitrophenol	9.822	139	7813	3.371	ng	89
27) 2,4-Dimethylphenol	9.887	122	13443	4.536	ng	98
28) bis(2-Chloroethoxy)met...	10.140	93	21647	3.639	ng	92
29) 2,4-Dichlorophenol	10.357	162	15353	3.427	ng	99
30) 1,2,4-Trichlorobenzene	10.569	180	20010	3.643	ng	97
31) Naphthalene	10.757	128	52787	3.679	ng	97
32) Benzoic acid	9.946	122	7951m	2.753	ng	
33) 4-Chloroaniline	10.881	127	21619	4.074	ng	92
34) Hexachlorobutadiene	11.034	225	14329	3.520	ng	92
35) Caprolactam	11.651	113	5059m	3.989	ng	
36) 4-Chloro-3-methylphenol	11.993	107	17242	3.529	ng	90
37) 2-Methylnaphthalene	12.369	142	37015	3.728	ng	97
38) 1-Methylnaphthalene	12.587	142	35713m	3.660	ng	
40) 1,2,4,5-Tetrachloroben...	12.728	216	25439	3.762	ng	99
41) Hexachlorocyclopentadiene	12.704	237	13642	4.465	ng	98
43) 2,4,6-Trichlorophenol	12.975	196	13445	3.283	ng	96

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44) 2,4,5-Trichlorophenol	13.046	196	14981	3.332	ng	92
46) 1,1'-Biphenyl	13.381	154	51838	3.704	ng	97
47) 2-Chloronaphthalene	13.422	162	40310	3.509	ng	98
48) 2-Nitroaniline	13.628	65	11193	3.484	ng	93
49) Acenaphthylene	14.263	152	64589	4.007	ng	99
50) Dimethylphthalate	14.010	163	53652	3.997	ng	# 97
51) 2,6-Dinitrotoluene	14.128	165	10042	3.405	ng	99
52) Acenaphthene	14.604	154	37121	3.711	ng	94
53) 3-Nitroaniline	14.457	138	10196	3.762	ng	# 92
54) 2,4-Dinitrophenol	14.663	184	4939	3.225	ng	# 87
55) Dibenzofuran	14.940	168	64104	3.934	ng	96
56) 4-Nitrophenol	14.757	139	8446	3.802	ng	91
57) 2,4-Dinitrotoluene	14.916	165	13998	3.622	ng	# 91
58) Fluorene	15.592	166	50482	3.890	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.163	232	14670m	3.879	ng	
60) Diethylphthalate	15.375	149	53980	4.043	ng	99
61) 4-Chlorophenyl-phenyle...	15.592	204	28663	3.930	ng	97
62) 4-Nitroaniline	15.616	138	10957	3.857	ng	98
63) Azobenzene	15.887	77	49262	3.815	ng	95
65) 4,6-Dinitro-2-methylph...	15.675	198	6650	2.666	ng	86
66) n-Nitrosodiphenylamine	15.810	169	45391	3.464	ng	99
67) 4-Bromophenyl-phenylether	16.492	248	17680	3.233	ng	94
68) Hexachlorobenzene	16.586	284	21538	3.372	ng	98
69) Atrazine	16.769	200	19468	4.478	ng	91
70) Pentachlorophenol	16.939	266	11598	2.916	ng	96
71) Phenanthrene	17.339	178	88986	3.865	ng	99
72) Anthracene	17.433	178	84896	3.696	ng	98
73) Carbazole	17.704	167	79398	3.805	ng	99
74) Di-n-butylphthalate	18.269	149	89677	3.555	ng	100
75) Fluoranthene	19.304	202	113346	4.030	ng	99
77) Benzidine	19.492	184	56853	5.419	ng	98
78) Pyrene	19.657	202	118044	3.333	ng	99
80) Butylbenzylphthalate	20.551	149	40144	3.035	ng	98
81) Benzo(a)anthracene	21.369	228	134218	3.800	ng	98
82) 3,3'-Dichlorobenzidine	21.310	252	47361	3.680	ng	97
83) Chrysene	21.422	228	122652	3.657	ng	98
84) Bis(2-ethylhexyl)phtha...	21.322	149	65558	3.255	ng	98
85) Di-n-octyl phthalate	22.263	149	108582	3.065	ng	99
87) Indeno(1,2,3-cd)pyrene	26.315	276	157950	3.432	ng	99
88) Benzo(b)fluoranthene	23.063	252	138276	3.649	ng	99
89) Benzo(k)fluoranthene	23.116	252	124650	3.444	ng	98
90) Benzo(a)pyrene	23.698	252	117489	3.485	ng	100
91) Dibenzo(a,h)anthracene	26.351	278	131616	3.477	ng	97
92) Benzo(g,h,i)perylene	27.086	276	127289	3.315	ng	98

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

