

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020224\
 Data File : BP019530.D
 Acq On : 02 Feb 2024 16:12
 Operator : MA/JU
 Sample : P1187-08
 Misc : LOQ-WATER-5PPM
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LOQ-WATER-02-QT1-2024

Quant Time: Feb 02 17:15:18 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	7.911	152	78710	20.000	ng	0.00
21) Naphthalene-d8	10.710	136	318346	20.000	ng	0.00
39) Acenaphthene-d10	14.540	164	215015	20.000	ng	-0.01
64) Phenanthrene-d10	17.298	188	432730	20.000	ng	0.00
76) Chrysene-d12	21.386	240	323899	20.000	ng	0.00
86) Perylene-d12	23.804	264	421506	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	524679	107.450	ng	0.00
7) Phenol-d6	7.081	99	702774	106.739	ng	0.00
23) Nitrobenzene-d5	9.081	82	656931	89.418	ng	0.00
42) 2,4,6-Tribromophenol	16.040	330	341130	108.662	ng	0.00
45) 2-Fluorobiphenyl	13.175	172	1568732	90.194	ng	0.00
79) Terphenyl-d14	19.869	244	1903054	96.624	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.387	88	11075	5.887	ng	96
3) Pyridine	3.793	79	24829	4.868	ng	99
4) n-Nitrosodimethylamine	3.711	42	11113	5.004	ng	# 93
6) Aniline	7.246	93	40463	6.325	ng	98
8) 2-Chlorophenol	7.475	128	25723	5.131	ng	98
9) Benzaldehyde	7.058	77	27988	6.063	ng	99
10) Phenol	7.105	94	34429	5.247	ng	91
11) bis(2-Chloroethyl)ether	7.346	93	26908	5.271	ng	98
12) 1,3-Dichlorobenzene	7.799	146	31123	5.074	ng	98
13) 1,4-Dichlorobenzene	7.946	146	31955	5.142	ng	98
14) 1,2-Dichlorobenzene	8.258	146	30829	5.127	ng	96
15) Benzyl Alcohol	8.158	79	29343	5.578	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.446	45	27327	5.353	ng	98
17) 2-Methylphenol	8.358	107	22767	5.153	ng	96
18) Hexachloroethane	8.981	117	12004	4.983	ng	96
19) n-Nitroso-di-n-propyla...	8.722	70	24993	5.557	ng	# 97
20) 3+4-Methylphenols	8.687	107	31082	5.155	ng	98
22) Acetophenone	8.740	105	47856	5.277	ng	# 95
24) Nitrobenzene	9.122	77	38651	5.225	ng	98
25) Isophorone	9.646	82	67605	5.284	ng	99
26) 2-Nitrophenol	9.828	139	13151	4.663	ng	87
27) 2,4-Dimethylphenol	9.893	122	21455	5.949	ng	97
28) bis(2-Chloroethoxy)met...	10.140	93	38465	5.313	ng	99
29) 2,4-Dichlorophenol	10.358	162	27644	5.071	ng	97
30) 1,2,4-Trichlorobenzene	10.575	180	33145	4.958	ng	98
31) Naphthalene	10.763	128	88556	5.072	ng	99
32) Benzoic acid	9.952	122	13925m	3.963	ng	
33) 4-Chloroaniline	10.881	127	36409	5.639	ng	98
34) Hexachlorobutadiene	11.034	225	23218	4.687	ng	98
35) Caprolactam	11.646	113	7158	4.638	ng	96
36) 4-Chloro-3-methylphenol	11.999	107	30421	5.117	ng	100
37) 2-Methylnaphthalene	12.369	142	63890	5.288	ng	96
38) 1-Methylnaphthalene	12.587	142	61712	5.197	ng	97
40) 1,2,4,5-Tetrachloroben...	12.734	216	42523	5.128	ng	98
41) Hexachlorocyclopentadiene	12.704	237	21360	5.702	ng	99
43) 2,4,6-Trichlorophenol	12.975	196	23649	4.710	ng	98

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44) 2,4,5-Trichlorophenol	13.040	196	25779	4.675	ng	94
46) 1,1'-Biphenyl	13.381	154	90098	5.250	ng	97
47) 2-Chloronaphthalene	13.422	162	70924	5.035	ng	98
48) 2-Nitroaniline	13.634	65	17962	4.560	ng	94
49) Acenaphthylene	14.263	152	109055	5.518	ng	100
50) Dimethylphthalate	14.010	163	85057	5.167	ng	99
51) 2,6-Dinitrotoluene	14.128	165	16927	4.681	ng	95
52) Acenaphthene	14.604	154	62663	5.108	ng	97
53) 3-Nitroaniline	14.457	138	15511	4.667	ng	99
54) 2,4-Dinitrophenol	14.663	184	6895	3.672	ng	91
55) Dibenzofuran	14.946	168	105901	5.301	ng	97
56) 4-Nitrophenol	14.757	139	10737	3.942	ng	97
57) 2,4-Dinitrotoluene	14.916	165	20293	4.282	ng	98
58) Fluorene	15.593	166	81640	5.131	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.169	232	23251	5.013	ng	98
60) Diethylphthalate	15.381	149	79709	4.869	ng	98
61) 4-Chlorophenyl-phenyle...	15.593	204	46604	5.211	ng	99
62) 4-Nitroaniline	15.616	138	14554	4.178	ng	98
63) Azobenzene	15.887	77	78651	4.968	ng	98
65) 4,6-Dinitro-2-methylph...	15.675	198	9587	3.885	ng	86
66) n-Nitrosodiphenylamine	15.810	169	68740	5.304	ng	99
67) 4-Bromophenyl-phenylether	16.493	248	27477	5.079	ng	97
68) Hexachlorobenzene	16.587	284	32552	5.153	ng	96
69) Atrazine	16.769	200	23058	5.362	ng	99
70) Pentachlorophenol	16.940	266	15525	3.946	ng	97
71) Phenanthrene	17.340	178	121041	5.315	ng	98
72) Anthracene	17.434	178	117711	5.182	ng	99
73) Carbazole	17.704	167	94939	4.600	ng	99
74) Di-n-butylphthalate	18.269	149	104047	4.170	ng	99
75) Fluoranthene	19.304	202	121303	4.360	ng	100
77) Benzidine	19.498	184	52090	7.692	ng	95
78) Pyrene	19.657	202	124452	5.444	ng	99
80) Butylbenzylphthalate	20.551	149	35584	4.168	ng	99
81) Benzo(a)anthracene	21.375	228	116540	5.111	ng	99
82) 3,3'-Dichlorobenzidine	21.310	252	43748	5.266	ng	98
83) Chrysene	21.428	228	108413	5.008	ng	100
84) Bis(2-ethylhexyl)phtha...	21.322	149	52298	4.023	ng	97
85) Di-n-octyl phthalate	22.269	149	91834	4.015	ng	99
87) Indeno(1,2,3-cd)pyrene	26.321	276	170144	5.273	ng	100
88) Benzo(b)fluoranthene	23.069	252	123544	4.651	ng	100
89) Benzo(k)fluoranthene	23.116	252	120939m	4.766	ng	
90) Benzo(a)pyrene	23.692	252	113042	4.782	ng	100
91) Dibenzo(a,h)anthracene	26.357	278	140003	5.276	ng	97
92) Benzo(g,h,i)perylene	27.098	276	137337	5.101	ng	98

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

