

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090624\
 Data File : BG062675.D
 Acq On : 6 Sep 2024 10:37
 Operator : MA/JU
 Sample : IDOC-01
 Misc : 8270-WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 IDOC-01

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/07/2024
 Supervised By :mohammad ahmed 09/07/2024

Quant Time: Sep 06 11:11:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG083024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 31 02:36:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.921	152	63052	20.000	ng	0.00
21) Naphthalene-d8	10.712	136	262506	20.000	ng	0.00
39) Acenaphthene-d10	14.549	164	221515	20.000	ng	0.00
64) Phenanthrene-d10	17.292	188	637483	20.000	ng	0.00
76) Chrysene-d12	21.540	240	652047	20.000	ng	0.00
86) Perylene-d12	24.607	264	690656	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.500	112	539667	147.947	ng	0.00
7) Phenol-d6	7.093	99	740884	140.595	ng	0.00
23) Nitrobenzene-d5	9.078	82	433465	88.931	ng	0.00
42) 2,4,6-Tribromophenol	16.035	330	474343	152.159	ng	0.00
45) 2-Fluorobiphenyl	13.168	172	1142659	83.555	ng	0.00
79) Terphenyl-d14	19.913	244	2742837	83.408	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.403	88	52169	34.331	ng	98
3) Pyridine	3.796	79	133865	30.574	ng	98
4) n-Nitrosodimethylamine	3.708	42	90520	42.526	ng	98
6) Aniline	7.245	93	145663	29.586	ng	96
8) 2-Chlorophenol	7.486	128	186139	47.531	ng	94
9) Benzaldehyde	7.057	77	208165	67.911	ng	96
10) Phenol	7.116	94	264366	49.556	ng	99
11) bis(2-Chloroethyl)ether	7.339	93	172581	42.254	ng	97
12) 1,3-Dichlorobenzene	7.809	146	176894	41.161	ng	100
13) 1,4-Dichlorobenzene	7.956	146	186556	42.181	ng	98
14) 1,2-Dichlorobenzene	8.274	146	179718	41.340	ng	100
15) Benzyl Alcohol	8.156	79	177411	45.501	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.438	45	305320	39.222	ng	99
17) 2-Methylphenol	8.362	107	163327	43.922	ng	97
18) Hexachloroethane	9.002	117	63311	38.177	ng	94
19) n-Nitroso-di-n-propyla...	8.720	70	152144	36.640	ng	# 98
20) 3+4-Methylphenols	8.691	107	230244	41.969	ng	98
22) Acetophenone	8.738	105	291398	41.148	ng	# 98
24) Nitrobenzene	9.120	77	220090	42.468	ng	99
25) Isophorone	9.637	82	413596	38.656	ng	99
26) 2-Nitrophenol	9.831	139	89961	45.941	ng	97
27) 2,4-Dimethylphenol	9.889	122	141459	49.302	ng	97
28) bis(2-Chloroethoxy)met...	10.124	93	235494	41.115	ng	98
29) 2,4-Dichlorophenol	10.359	162	195131	48.640	ng	100
30) 1,2,4-Trichlorobenzene	10.577	180	203832	42.861	ng	100
31) Naphthalene	10.765	128	552122	42.434	ng	99
32) Benzoic acid	10.024	122	132276m	42.864	ng	
33) 4-Chloroaniline	10.871	127	133250	26.024	ng	98
34) Hexachlorobutadiene	11.053	225	140881	42.414	ng	96
35) Caprolactam	11.634	113	73435m	47.483	ng	
36) 4-Chloro-3-methylphenol	11.993	107	222327	45.945	ng	96
37) 2-Methylnaphthalene	12.369	142	425002	42.114	ng	96
38) 1-Methylnaphthalene	12.592	142	399643	39.439	ng	100
40) 1,2,4,5-Tetrachloroben...	12.739	216	283600	42.572	ng	99
41) Hexachlorocyclopentadiene	12.721	237	230595	121.323	ng	98
43) 2,4,6-Trichlorophenol	12.980	196	200877	47.566	ng	98

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44) 2,4,5-Trichlorophenol	13.050	196	229377	47.961	ng	98
46) 1,1'-Biphenyl	13.379	154	614568	41.586	ng	97
47) 2-Chloronaphthalene	13.420	162	503005	41.998	ng	97
48) 2-Nitroaniline	13.626	65	165359	52.493	ng	95
49) Acenaphthylene	14.272	152	832729	46.950	ng	97
50) Dimethylphthalate	14.002	163	712857	44.010	ng	99
51) 2,6-Dinitrotoluene	14.120	165	146632	47.860	ng	96
52) Acenaphthene	14.613	154	462276	41.693	ng	98
53) 3-Nitroaniline	14.449	138	119696	40.376	ng	97
54) 2,4-Dinitrophenol	14.654	184	196784	114.452	ng	95
55) Dibenzofuran	14.948	168	859348	45.194	ng	95
56) 4-Nitrophenol	14.766	139	279221	111.138	ng	98
57) 2,4-Dinitrotoluene	14.907	165	225532	53.952	ng	99
58) Fluorene	15.594	166	672763	45.083	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.171	232	233289	51.492	ng	94
60) Diethylphthalate	15.371	149	731310	45.553	ng	98
61) 4-Chlorophenyl-phenyle...	15.589	204	392562	45.823	ng	97
62) 4-Nitroaniline	15.612	138	168521	51.555	ng	95
63) Azobenzene	15.882	77	680030	45.110	ng	99
65) 4,6-Dinitro-2-methylph...	15.671	198	142101	49.950	ng	95
66) n-Nitrosodiphenylamine	15.806	169	644731	42.066	ng	98
67) 4-Bromophenyl-phenylether	16.482	248	279432	42.471	ng	97
68) Hexachlorobenzene	16.599	284	330053	42.359	ng	97
69) Atrazine	16.752	200	235855	45.307	ng	98
70) Pentachlorophenol	16.946	266	425530	85.268	ng	97
71) Phenanthrene	17.334	178	1299631	43.678	ng	99
72) Anthracene	17.422	178	1300027	44.437	ng	99
73) Carbazole	17.692	167	1172027	43.579	ng	99
74) Di-n-butylphthalate	18.256	149	1347750	44.435	ng	99
75) Fluoranthene	19.343	202	1679279	44.623	ng	99
77) Benzidine	19.525	184	149398	12.712	ng	98
78) Pyrene	19.707	202	1739725	41.973	ng	99
80) Butylbenzylphthalate	20.600	149	547834	44.998	ng	98
81) Benzo(a)anthracene	21.517	228	1808617	43.977	ng	99
82) 3,3'-Dichlorobenzidine	21.440	252	500514	37.359	ng	99
83) Chrysene	21.581	228	1722250	43.720	ng	99
84) Bis(2-ethylhexyl)phtha...	21.435	149	793654	42.910	ng	96
85) Di-n-octyl phthalate	22.598	149	1372562	42.384	ng	100
87) Indeno(1,2,3-cd)pyrene	28.086	276	2197675	49.624	ng	97
88) Benzo(b)fluoranthene	23.638	252	1831481	48.010	ng	99
89) Benzo(k)fluoranthene	23.703	252	1811784	48.552	ng	99
90) Benzo(a)pyrene	24.466	252	1670361	49.564	ng	99
91) Dibenzo(a,h)anthracene	28.139	278	1826692	50.071	ng	98
92) Benzo(g,h,i)perylene	29.161	276	1710662	46.502	ng	96

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

