

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061724\
 Data File : BF138206.D
 Acq On : 17 Jun 2024 16:02
 Operator : CG\JU
 Sample : P2864-04MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-HMS

Manual Integrations
 APPROVED

Reviewed By :Jagrut
 Upadhyay

06/18/2024
 Supervised By :mohammad
 ahmed

Quant Time: Jun 17 16:36:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 13 01:52:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	430679	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	1746732	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	978494	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	1699749	20.000	ng	0.00
76) Chrysene-d12	14.051	240	924261	20.000	ng	0.00
86) Perylene-d12	15.521	264	856312	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	2955065	114.780	ng	0.02
7) Phenol-d6	6.528	99	3586569	109.861	ng	0.00
23) Nitrobenzene-d5	7.457	82	2455532	81.840	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	1178361	120.968	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	4512603	73.334	ng	0.00
79) Terphenyl-d14	12.998	244	4805332	82.345	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.922	88	444359	37.715	ng 99
3) Pyridine	3.604	79	925825	33.063	ng 99
4) n-Nitrosodimethylamine	3.551	42	575086	44.375	ng # 94
6) Aniline	6.557	93	450843	14.114	ng 99
8) 2-Chlorophenol	6.681	128	1308162	46.998	ng 97
10) Phenol	6.539	94	1395123m	42.110	ng
11) bis(2-Chloroethyl)ether	6.634	93	1208381	45.572	ng 98
12) 1,3-Dichlorobenzene	6.834	146	1255572	39.692	ng 98
13) 1,4-Dichlorobenzene	6.910	146	1268772	39.856	ng 99
14) 1,2-Dichlorobenzene	7.063	146	1233234	41.267	ng 99
15) Benzyl Alcohol	7.034	79	1003703	45.598	ng 98
16) 2,2'-oxybis(1-Chloropr...	7.163	45	1682628	44.963	ng 98
17) 2-Methylphenol	7.145	107	1029687	46.888	ng 98
18) Hexachloroethane	7.404	117	453631	42.062	ng 91
19) n-Nitroso-di-n-propyla...	7.310	70	910897	47.072	ng 98
20) 3+4-Methylphenols	7.298	107	1224008	44.282	ng 99
22) Acetophenone	7.304	105	1683391	42.188	ng 96
24) Nitrobenzene	7.475	77	1309409	42.225	ng 98
25) Isophorone	7.716	82	2476793	45.637	ng 99
26) 2-Nitrophenol	7.792	139	651819	52.272	ng 100
27) 2,4-Dimethylphenol	7.822	122	946976m	49.917	ng
28) bis(2-Chloroethoxy)met...	7.922	93	1548568	45.582	ng 99
29) 2,4-Dichlorophenol	8.028	162	1102699	45.147	ng 99
30) 1,2,4-Trichlorobenzene	8.116	180	1158839	40.231	ng 99
31) Naphthalene	8.198	128	3502870	40.556	ng 99
32) Benzoic acid	7.951	122	791004	47.308	ng 97
33) 4-Chloroaniline	8.239	127	126839	3.929	ng 98
34) Hexachlorobutadiene	8.310	225	644397	38.252	ng 98
35) Caprolactam	8.616	113	344657m	46.741	ng
36) 4-Chloro-3-methylphenol	8.728	107	1169695	48.099	ng 98
37) 2-Methylnaphthalene	8.886	142	2433377	42.928	ng 99
38) 1-Methylnaphthalene	8.986	142	2258521	40.658	ng 99
40) 1,2,4,5-Tetrachloroben...	9.051	216	1145232	40.052	ng 98
41) Hexachlorocyclopentadiene	9.039	237	1109557	119.007	ng 99
43) 2,4,6-Trichlorophenol	9.163	196	833022	46.528	ng 99
44) 2,4,5-Trichlorophenol	9.210	196	873206	44.412	ng 98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.351	154	2998381	41.760	ng	99
47) 2-Chloronaphthalene	9.375	162	2347383	41.368	ng	99
48) 2-Nitroaniline	9.475	65	685535	50.165	ng	95
49) Acenaphthylene	9.792	152	3622900	45.531	ng	99
50) Dimethylphthalate	9.657	163	2803883	46.768	ng	99
51) 2,6-Dinitrotoluene	9.716	165	632512	48.631	ng	94
52) Acenaphthene	9.963	154	2507059m	46.206	ng	
53) 3-Nitroaniline	9.875	138	128375	9.239	ng	100
54) 2,4-Dinitrophenol	9.992	184	626634	90.331	ng	# 85
55) Dibenzofuran	10.139	168	3225083	42.519	ng	99
56) 4-Nitrophenol	10.045	139	925990	84.333	ng	89
57) 2,4-Dinitrotoluene	10.122	165	845795	52.724	ng	96
58) Fluorene	10.480	166	2455411	41.173	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	726980	47.311	ng	99
60) Diethylphthalate	10.357	149	2694683	47.357	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	1241068	41.785	ng	96
62) 4-Nitroaniline	10.498	138	516002	37.169	ng	98
63) Azobenzene	10.633	77	2630657	46.147	ng	94
65) 4,6-Dinitro-2-methylph...	10.522	198	421999	48.618	ng	97
66) n-Nitrosodiphenylamine	10.592	169	2023438	38.884	ng	99
67) 4-Bromophenyl-phenylether	10.963	248	848673	44.310	ng	97
68) Hexachlorobenzene	11.022	284	943942	42.231	ng	97
69) Atrazine	11.116	200	379067	25.574	ng	97
70) Pentachlorophenol	11.216	266	1124153	86.236	ng	97
71) Phenanthrene	11.439	178	3598912	42.814	ng	98
72) Anthracene	11.492	178	3652114	43.760	ng	97
73) Carbazole	11.645	167	2830982	36.984	ng	99
74) Di-n-butylphthalate	11.974	149	3940034	49.719	ng	98
75) Fluoranthene	12.627	202	3596666	41.960	ng	97
77) Benzidine	12.751	184	64964	6.077	ng	98
78) Pyrene	12.857	202	3688891	46.271	ng	98
80) Butylbenzylphthalate	13.474	149	1505617	69.430	ng	97
81) Benzo(a)anthracene	14.039	228	2713034	45.754	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	104291	6.387	ng	# 97
83) Chrysene	14.080	228	2656690	47.005	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	1968549	78.051	ng	100
85) Di-n-octyl phthalate	14.645	149	2914754	77.791	ng	100
87) Indeno(1,2,3-cd)pyrene	17.003	276	2623131	46.990	ng	98
88) Benzo(b)fluoranthene	15.092	252	2481262	49.136	ng	98
89) Benzo(k)fluoranthene	15.121	252	2472909	49.969	ng	98
90) Benzo(a)pyrene	15.462	252	2239076	51.612	ng	99
91) Dibenzo(a,h)anthracene	17.027	278	2156021	47.054	ng	98
92) Benzo(g,h,i)perylene	17.456	276	1944854	41.029	ng	98

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

