

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF073124\
 Data File : BF138698.D
 Acq On : 31 Jul 2024 12:59
 Operator : RC/JU
 Sample : P3393-13MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-852-GI-SO-9.5-10-072624MSD

Quant Time: Jul 31 13:23:18 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/01/2024
 Supervised By :mohammad ahmed 08/03/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	68277	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	267480	20.000	ng	0.00
39) Acenaphthene-d10	9.881	164	136590	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	208858	20.000	ng	0.00
76) Chrysene-d12	14.010	240	140105	20.000	ng	0.00
86) Perylene-d12	15.468	264	171938	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	476198	107.662	ng	0.00
7) Phenol-d6	6.487	99	620895	104.555	ng	0.00
23) Nitrobenzene-d5	7.410	82	389198	71.140	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	116090	103.758	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	617245	67.897	ng	0.00
79) Terphenyl-d14	12.951	244	557077	66.571	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.634	88	71823	37.090	ng	100
3) Pyridine	3.393	79	189090	40.310	ng	97
4) n-Nitrosodimethylamine	3.340	42	137264	49.131	ng	99
6) Aniline	6.510	93	240698	45.449	ng	96
8) 2-Chlorophenol	6.634	128	225467	48.450	ng	98
9) Benzaldehyde	6.398	77	12272	3.447	ng	98
10) Phenol	6.498	94	294660	47.127	ng	92
11) bis(2-Chloroethyl)ether	6.581	93	226946	47.168	ng	100
12) 1,3-Dichlorobenzene	6.787	146	236846	45.467	ng	99
13) 1,4-Dichlorobenzene	6.863	146	243333	46.288	ng	99
14) 1,2-Dichlorobenzene	7.016	146	227406	46.287	ng	99
15) Benzyl Alcohol	6.987	79	208284	48.663	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.116	45	392138	47.357	ng	91
17) 2-Methylphenol	7.104	107	179251	46.647	ng	95
18) Hexachloroethane	7.351	117	91775	46.378	ng	96
19) n-Nitroso-di-n-propyla...	7.257	70	169565	47.276	ng	98
20) 3+4-Methylphenols	7.257	107	222006	45.029	ng	92
22) Acetophenone	7.257	105	294111	44.908	ng	100
24) Nitrobenzene	7.428	77	255707	45.932	ng	97
25) Isophorone	7.669	82	452444	48.432	ng	100
26) 2-Nitrophenol	7.745	139	120626	50.363	ng	99
27) 2,4-Dimethylphenol	7.781	122	151757	52.957	ng	99
28) bis(2-Chloroethoxy)met...	7.875	93	275277	48.389	ng	100
29) 2,4-Dichlorophenol	7.987	162	177807	48.286	ng	99
30) 1,2,4-Trichlorobenzene	8.069	180	197570	46.492	ng	99
31) Naphthalene	8.145	128	660957	46.945	ng	99
32) Benzoic acid	7.910	122	87781	38.968	ng	97
33) 4-Chloroaniline	8.198	127	166505	35.231	ng	99
34) Hexachlorobutadiene	8.263	225	119609	46.469	ng	98
35) Caprolactam	8.569	113	50927m	46.349	ng	
36) 4-Chloro-3-methylphenol	8.687	107	197594	46.952	ng	99
37) 2-Methylnaphthalene	8.839	142	414530	46.619	ng	99
38) 1-Methylnaphthalene	8.934	142	380928	43.719	ng	99
40) 1,2,4,5-Tetrachloroben...	9.004	216	173164	45.638	ng	99
41) Hexachlorocyclopentadiene	8.986	237	159467	151.925	ng	99
43) 2,4,6-Trichlorophenol	9.116	196	115617	49.976	ng	96

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44) 2,4,5-Trichlorophenol	9.169	196	118457	46.838	ng	99
46) 1,1'-Biphenyl	9.304	154	481385	45.000	ng	100
47) 2-Chloronaphthalene	9.328	162	376324	47.300	ng	99
48) 2-Nitroaniline	9.428	65	129355	47.959	ng	98
49) Acenaphthylene	9.745	152	586183	51.948	ng	99
50) Dimethylphthalate	9.604	163	427434	48.940	ng	100
51) 2,6-Dinitrotoluene	9.669	165	93892	47.636	ng	99
52) Acenaphthene	9.916	154	357983	47.194	ng	99
53) 3-Nitroaniline	9.839	138	67982	33.364	ng	98
54) 2,4-Dinitrophenol	9.951	184	86776	95.638	ng	92
55) Dibenzofuran	10.086	168	509833	47.614	ng	99
56) 4-Nitrophenol	10.010	139	118115	96.395	ng	99
57) 2,4-Dinitrotoluene	10.075	165	119451	47.500	ng	96
58) Fluorene	10.428	166	401846	47.127	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.210	232	93211	48.208	ng	98
60) Diethylphthalate	10.304	149	398841	48.163	ng	98
61) 4-Chlorophenyl-phenyle...	10.422	204	196035	46.746	ng	99
62) 4-Nitroaniline	10.451	138	91413	47.208	ng	97
63) Azobenzene	10.581	77	444124	48.356	ng	99
65) 4,6-Dinitro-2-methylph...	10.481	198	65910	51.726	ng	97
66) n-Nitrosodiphenylamine	10.539	169	340250	52.118	ng	100
67) 4-Bromophenyl-phenylether	10.910	248	112586	49.789	ng	100
68) Hexachlorobenzene	10.975	284	114544	49.060	ng	99
69) Atrazine	11.069	200	95011	56.408	ng	99
70) Pentachlorophenol	11.175	266	102085	97.003	ng	98
71) Phenanthrene	11.392	178	542635	50.456	ng	100
72) Anthracene	11.445	178	559408	52.801	ng	100
73) Carbazole	11.598	167	463088	50.663	ng	99
74) Di-n-butylphthalate	11.927	149	578055	56.256	ng	100
75) Fluoranthene	12.580	202	522106	52.003	ng	100
77) Benzidine	12.704	184	202483	60.423	ng	99
78) Pyrene	12.810	202	524267	39.743	ng	100
80) Butylbenzylphthalate	13.422	149	225622	53.411	ng	99
81) Benzo(a)anthracene	13.998	228	487888	50.569	ng	99
82) 3,3'-Dichlorobenzidine	13.963	252	134511	54.481	ng	99
83) Chrysene	14.033	228	446423	51.288	ng	99
84) Bis(2-ethylhexyl)phtha...	13.980	149	325363	52.599	ng	100
85) Di-n-octyl phthalate	14.592	149	593524	51.861	ng	99
87) Indeno(1,2,3-cd)pyrene	16.945	276	588886	47.793	ng	99
88) Benzo(b)fluoranthene	15.045	252	546436	51.268	ng	99
89) Benzo(k)fluoranthene	15.074	252	428739	46.459	ng	100
90) Benzo(a)pyrene	15.410	252	466970	52.086	ng	99
91) Dibenzo(a,h)anthracene	16.962	278	473806	46.844	ng	99
92) Benzo(g,h,i)perylene	17.392	276	459560	43.785	ng	99

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

