

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120123\
 Data File : BF136348.D
 Acq On : 01 Dec 2023 20:41
 Operator : CG\JU
 Sample : 05379-09MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-5MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

Quant Time: Dec 02 00:35:41 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 28 03:04:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	116043	20.000	ng	0.00
21) Naphthalene-d8	8.086	136	483211	20.000	ng	0.00
39) Acenaphthene-d10	9.845	164	227252	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	325020	20.000	ng	0.00
76) Chrysene-d12	13.986	240	195392	20.000	ng	0.00
86) Perylene-d12	15.468	264	249106	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	798035	95.718	ng	0.01
7) Phenol-d6	6.451	99	1020917	97.932	ng	0.00
23) Nitrobenzene-d5	7.369	82	622351	68.059	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	247712	89.158	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1221493	68.656	ng	0.00
79) Terphenyl-d14	12.927	244	771200	45.527	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.657	88	131404	41.654	ng	95
3) Pyridine	3.410	79	313016	40.196	ng	94
4) n-Nitrosodimethylamine	3.381	42	163277	41.479	ng	90
6) Aniline	6.475	93	366093	37.155	ng	95
8) 2-Chlorophenol	6.592	128	430572	47.430	ng	95
9) Benzaldehyde	6.357	77	49184	8.465	ng	97
10) Phenol	6.463	94	524059	46.858	ng	98
11) bis(2-Chloroethyl)ether	6.551	93	383832	46.782	ng	93
12) 1,3-Dichlorobenzene	6.745	146	447287	43.417	ng	98
13) 1,4-Dichlorobenzene	6.822	146	459946	43.918	ng	97
14) 1,2-Dichlorobenzene	6.975	146	432648	43.637	ng	97
15) Benzyl Alcohol	6.951	79	338195	46.271	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.081	45	515086	45.197	ng	97
17) 2-Methylphenol	7.063	107	333249	46.694	ng	98
18) Hexachloroethane	7.316	117	158741	43.212	ng	93
19) n-Nitroso-di-n-propyla...	7.222	70	283397	45.454	ng	97
20) 3+4-Methylphenols	7.216	107	415943	44.843	ng	96
22) Acetophenone	7.216	105	593390	46.758	ng	# 96
24) Nitrobenzene	7.387	77	423750	45.729	ng	98
25) Isophorone	7.628	82	782925	47.483	ng	97
26) 2-Nitrophenol	7.704	139	214385	54.298	ng	97
27) 2,4-Dimethylphenol	7.745	122	316294	60.864	ng	92
28) bis(2-Chloroethoxy)met...	7.839	93	485635	48.693	ng	98
29) 2,4-Dichlorophenol	7.945	162	349321	49.835	ng	97
30) 1,2,4-Trichlorobenzene	8.028	180	394294	45.945	ng	98
31) Naphthalene	8.110	128	1265045	46.577	ng	98
32) Benzoic acid	7.875	122	254325	53.698	ng	99
33) 4-Chloroaniline	8.157	127	227673	24.661	ng	96
34) Hexachlorobutadiene	8.222	225	224475	44.709	ng	99
35) Caprolactam	8.534	113	98649m	50.344	ng	
36) 4-Chloro-3-methylphenol	8.645	107	345664	45.468	ng	93
37) 2-Methylnaphthalene	8.798	142	784518	46.047	ng	98
38) 1-Methylnaphthalene	8.898	142	752560	45.280	ng	94
40) 1,2,4,5-Tetrachloroben...	8.963	216	379083	52.415	ng	98
41) Hexachlorocyclopentadiene	8.951	237	292683	105.173	ng	97
43) 2,4,6-Trichlorophenol	9.081	196	236094	50.294	ng	92

12/04/2023
 Supervised By :mohammad
 Ahmed

12/05/2023

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44) 2,4,5-Trichlorophenol	9.122	196	248372	48.483	ng	98	12/04/2023
46) 1,1'-Biphenyl	9.263	154	1021548	50.975	ng	97	Supervised By :mohammad ahmed
47) 2-Chloronaphthalene	9.286	162	763972	49.089	ng	96	
48) 2-Nitroaniline	9.386	65	195164	48.032	ng	89	
49) Acenaphthylene	9.704	152	1186001	53.401	ng	99	
50) Dimethylphthalate	9.569	163	844741	49.181	ng	98	
51) 2,6-Dinitrotoluene	9.633	165	172841	49.257	ng	90	12/05/2023
52) Acenaphthene	9.880	154	668061	47.599	ng	98	
53) 3-Nitroaniline	9.798	138	130880	37.591	ng	95	
54) 2,4-Dinitrophenol	9.910	184	150829	92.422	ng	# 88	
55) Dibenzofuran	10.051	168	990353	47.420	ng	98	
56) 4-Nitrophenol	9.963	139	205720	77.796	ng	91	
57) 2,4-Dinitrotoluene	10.039	165	213350	45.518	ng	92	
58) Fluorene	10.392	166	735222	44.880	ng	98	
59) 2,3,4,6-Tetrachlorophenol	10.169	232	179697	44.087	ng	98	
60) Diethylphthalate	10.275	149	775492	45.135	ng	98	
61) 4-Chlorophenyl-phenyle...	10.386	204	362466	45.561	ng	96	
62) 4-Nitroaniline	10.416	138	130298	38.232	ng	94	
63) Azobenzene	10.551	77	693130	43.515	ng	93	
65) 4,6-Dinitro-2-methylph...	10.445	198	96342	54.205	ng	80	
66) n-Nitrosodiphenylamine	10.510	169	616537	59.193	ng	99	
67) 4-Bromophenyl-phenylether	10.880	248	214259	56.505	ng	93	
68) Hexachlorobenzene	10.939	284	233584	53.225	ng	# 91	
69) Atrazine	11.039	200	173512	56.157	ng	98	
70) Pentachlorophenol	11.139	266	217550	87.698	ng	96	
71) Phenanthrene	11.357	178	997449	54.602	ng	98	
72) Anthracene	11.410	178	949792	51.847	ng	99	
73) Carbazole	11.569	167	694747	44.591	ng	99	
74) Di-n-butylphthalate	11.904	149	945688	48.510	ng	99	
75) Fluoranthene	12.551	202	944702	50.942	ng	95	
77) Benzidine	12.674	184	150838	46.962	ng	98	
78) Pyrene	12.780	202	949808	44.386	ng	97	
80) Butylbenzylphthalate	13.410	149	299789	45.015	ng	97	
81) Benzo(a)anthracene	13.974	228	839988	57.878	ng	98	
82) 3,3'-Dichlorobenzidine	13.939	252	214658	61.445	ng	97	
83) Chrysene	14.015	228	825145	58.884	ng	98	
84) Bis(2-ethylhexyl)phtha...	13.974	149	424751	53.143	ng	# 99	
85) Di-n-octyl phthalate	14.592	149	833699	62.480	ng	99	
87) Indeno(1,2,3-cd)pyrene	16.980	276	856663	46.118	ng	99	
88) Benzo(b)fluoranthene	15.039	252	1036080	59.283	ng	99	
89) Benzo(k)fluoranthene	15.068	252	842418	50.751	ng	99	
90) Benzo(a)pyrene	15.410	252	869757	60.878	ng	98	
91) Dibenzo(a,h)anthracene	17.004	278	610037	41.226	ng	98	
92) Benzo(g,h,i)perylene	17.439	276	622180	41.747	ng	97	

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

