

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122723\
 Data File : BF136769.D
 Acq On : 27 Dec 2023 20:59
 Operator : CG\JU
 Sample : 05862-13MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-LIQUIDS-20231213-01MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/28/2023
 Supervised By :mohammad ahmed 12/28/2023

Quant Time: Dec 27 22:46:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	72464	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	283310	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	144920	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	265046	20.000	ng	0.00
76) Chrysene-d12	13.968	240	136726	20.000	ng	# 0.00
86) Perylene-d12	15.445	264	159170	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	525320	113.111	ng	0.01
7) Phenol-d6	6.440	99	624848	103.832	ng	0.00
23) Nitrobenzene-d5	7.351	82	458015	82.726	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	208936	122.417	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	918342	85.230	ng	0.00
79) Terphenyl-d14	12.910	244	851223	87.003	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.604	88	68887	35.599	ng	97
3) Pyridine	3.363	79	128169	27.146	ng	96
4) n-Nitrosodimethylamine	3.334	42	99893	39.619	ng	97
6) Aniline	6.451	93	138007	22.937	ng	# 1
8) 2-Chlorophenol	6.575	128	216673	42.632	ng	96
9) Benzaldehyde	6.340	77	71096	20.770	ng	# 87
10) Phenol	6.451	94	237746	37.008	ng	98
11) bis(2-Chloroethyl)ether	6.528	93	202619	41.474	ng	97
12) 1,3-Dichlorobenzene	6.728	146	216499	39.049	ng	98
13) 1,4-Dichlorobenzene	6.804	146	222012	39.190	ng	98
14) 1,2-Dichlorobenzene	6.951	146	207295	39.324	ng	98
15) Benzyl Alcohol	6.934	79	186299	45.888	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.063	45	325622	40.767	ng	97
17) 2-Methylphenol	7.051	107	171583	40.752	ng	95
18) Hexachloroethane	7.292	117	80927	39.335	ng	93
19) n-Nitroso-di-n-propyla...	7.204	70	154246	42.282	ng	97
20) 3+4-Methylphenols	7.204	107	211230	40.157	ng	# 65
22) Acetophenone	7.192	105	312820	44.052	ng	# 92
24) Nitrobenzene	7.369	77	223737	40.341	ng	100
25) Isophorone	7.610	82	428776	42.561	ng	99
26) 2-Nitrophenol	7.681	139	113033	42.597	ng	92
27) 2,4-Dimethylphenol	7.728	122	167428	51.827	ng	97
28) bis(2-Chloroethoxy)met...	7.822	93	260972	42.617	ng	100
29) 2,4-Dichlorophenol	7.928	162	178158	42.837	ng	98
30) 1,2,4-Trichlorobenzene	8.004	180	191408	41.306	ng	98
31) Naphthalene	8.098	128	2533178	162.756	ng	99
32) Benzoic acid	7.851	122	79534	25.445	ng	93
33) 4-Chloroaniline	8.134	127	28633	4.983	ng	97
34) Hexachlorobutadiene	8.198	225	110162	39.128	ng	99
35) Caprolactam	8.516	113	53105m	38.705	ng	
36) 4-Chloro-3-methylphenol	8.634	107	201427	43.020	ng	97
37) 2-Methylnaphthalene	8.781	142	596881	59.588	ng	99
38) 1-Methylnaphthalene	8.881	142	544626	55.420	ng	100
40) 1,2,4,5-Tetrachloroben...	8.945	216	206086	45.918	ng	99
41) Hexachlorocyclopentadiene	8.928	237	100399	70.762	ng	97
43) 2,4,6-Trichlorophenol	9.063	196	129850	45.113	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122723\
 Data File : BF136769.D
 Acq On : 27 Dec 2023 20:59
 Operator : CG\JU
 Sample : 05862-13MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-LIQUIDS-20231213-01MS

Quant Time: Dec 27 22:46:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/28/2023
 Supervised By :mohammad ahmed 12/28/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	139075	43.360	ng	99
46) 1,1'-Biphenyl	9.245	154	572494	47.076	ng	98
47) 2-Chloronaphthalene	9.269	162	397557	43.002	ng	98
48) 2-Nitroaniline	9.369	65	129214	44.633	ng	98
49) Acenaphthylene	9.686	152	681591	48.234	ng	99
50) Dimethylphthalate	9.551	163	484717	45.792	ng	99
51) 2,6-Dinitrotoluene	9.616	165	104433	43.471	ng	99
52) Acenaphthene	9.857	154	400462	45.718	ng	99
53) 3-Nitroaniline	9.781	138	59942	23.554	ng	97
54) 2,4-Dinitrophenol	9.892	184	65377	50.545	ng	# 87
55) Dibenzofuran	10.028	168	583266	43.927	ng	99
56) 4-Nitrophenol	9.963	139	127135	74.005	ng	97
57) 2,4-Dinitrotoluene	10.022	165	134582	43.153	ng	97
58) Fluorene	10.375	166	487090	46.233	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.151	232	114190	46.249	ng	98
60) Diethylphthalate	10.251	149	497136	45.265	ng	98
61) 4-Chlorophenyl-phenyle...	10.363	204	222388	43.426	ng	100
62) 4-Nitroaniline	10.404	138	97616m	39.790	ng	
63) Azobenzene	10.528	77	447288	43.603	ng	96
65) 4,6-Dinitro-2-methylph...	10.433	198	55677	36.654	ng	84
66) n-Nitrosodiphenylamine	10.486	169	409761	47.592	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	135795	46.133	ng	96
68) Hexachlorobenzene	10.922	284	146844	44.766	ng	100
69) Atrazine	11.022	200	131959	59.923	ng	99
70) Pentachlorophenol	11.122	266	127050	83.094	ng	98
71) Phenanthrene	11.339	178	647210	47.590	ng	99
72) Anthracene	11.392	178	630747	45.796	ng	99
73) Carbazole	11.551	167	555354	42.768	ng	99
74) Di-n-butylphthalate	11.880	149	768801	48.519	ng	99
75) Fluoranthene	12.527	202	577227	39.680	ng	98
77) Benzidine	12.657	184	92570	22.962	ng	98
78) Pyrene	12.763	202	565278	42.116	ng	100
80) Butylbenzylphthalate	13.386	149	243297	49.817	ng	97
81) Benzo(a)anthracene	13.957	228	426769	44.951	ng	99
82) 3,3'-Dichlorobenzidine	13.921	252	62950	23.347	ng	96
83) Chrysene	13.992	228	408514	44.001	ng	98
84) Bis(2-ethylhexyl)phtha...	13.945	149	340839	55.468	ng	98
85) Di-n-octyl phthalate	14.563	149	556947	58.595	ng	99
87) Indeno(1,2,3-cd)pyrene	16.957	276	482663	41.999	ng	99
88) Benzo(b)fluoranthene	15.010	252	446432	41.993	ng	99
89) Benzo(k)fluoranthene	15.045	252	398343	39.654	ng	99
90) Benzo(a)pyrene	15.386	252	388768	43.323	ng	99
91) Dibenzo(a,h)anthracene	16.968	278	405684	43.028	ng	97
92) Benzo(g,h,i)perylene	17.409	276	364190	37.714	ng	98

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

