

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061923\
 Data File : BF133837.D
 Acq On : 19 Jun 2023 17:05
 Operator : CG\JU
 Sample : 03282-01MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-NEX-001MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/20/2023
 Supervised By :mohammad ahmed 06/20/2023

Quant Time: Jun 20 01:33:31 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 19 16:00:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	100342	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	378214	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	175684	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	280926	20.000	ng	0.00
76) Chrysene-d12	14.045	240	191058	20.000	ng	0.00
86) Perylene-d12	15.551	264	241549	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	438377	76.057	ng	0.00
7) Phenol-d6	6.498	99	528923	70.499	ng	0.00
23) Nitrobenzene-d5	7.422	82	360985	51.986	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	124699	56.074	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	550127	44.513	ng	0.00
79) Terphenyl-d14	12.980	244	392638	31.799	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.728	88	102232	40.344	ng	96
3) Pyridine	3.498	79	246637	33.393	ng	94
4) n-Nitrosodimethylamine	3.463	42	178922	43.825	ng	95
6) Aniline	6.522	93	355222	37.591	ng	97
8) 2-Chlorophenol	6.645	128	278243	45.808	ng	97
9) Benzaldehyde	6.410	77	152268	30.591	ng	94
10) Phenol	6.510	94	337743	43.112	ng	97
11) bis(2-Chloroethyl)ether	6.598	93	257690	44.307	ng	97
12) 1,3-Dichlorobenzene	6.798	146	309589	47.703	ng	96
13) 1,4-Dichlorobenzene	6.875	146	312555	47.650	ng	99
14) 1,2-Dichlorobenzene	7.028	146	292355	49.325	ng	99
15) Benzyl Alcohol	7.004	79	259460	44.278	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.133	45	465651	47.231	ng	99
17) 2-Methylphenol	7.110	107	225079	41.806	ng	98
18) Hexachloroethane	7.369	117	118567	52.800	ng	99
19) n-Nitroso-di-n-propyla...	7.275	70	200319	41.965	ng	97
20) 3+4-Methylphenols	7.263	107	271637	38.785	ng	92
22) Acetophenone	7.269	105	390425	45.008	ng	# 95
24) Nitrobenzene	7.439	77	307418	43.966	ng	96
25) Isophorone	7.681	82	541686	42.491	ng	99
26) 2-Nitrophenol	7.757	139	148770	47.409	ng	97
27) 2,4-Dimethylphenol	7.792	122	237899	43.985	ng	99
28) bis(2-Chloroethoxy)met...	7.892	93	316160	42.910	ng	99
29) 2,4-Dichlorophenol	7.998	162	226361	42.703	ng	99
30) 1,2,4-Trichlorobenzene	8.080	180	248323	44.900	ng	96
31) Naphthalene	8.163	128	777812	42.211	ng	99
32) Benzoic acid	7.910	122	160921	47.175	ng	95
33) 4-Chloroaniline	8.210	127	208322	26.441	ng	98
34) Hexachlorobutadiene	8.275	225	159181	43.960	ng	99
35) Caprolactam	8.586	113	66644m	37.363	ng	
36) 4-Chloro-3-methylphenol	8.692	107	246201	40.294	ng	97
37) 2-Methylnaphthalene	8.851	142	512218	40.008	ng	97
38) 1-Methylnaphthalene	8.951	142	476429	40.440	ng	99
40) 1,2,4,5-Tetrachloroben...	9.022	216	240670	45.061	ng	97
41) Hexachlorocyclopentadiene	9.004	237	261807	109.998	ng	95
43) 2,4,6-Trichlorophenol	9.127	196	157486	44.126	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	164282	39.565	ng	97
46) 1,1'-Biphenyl	9.316	154	648896	45.796	ng	99
47) 2-Chloronaphthalene	9.339	162	461159	45.373	ng	97
48) 2-Nitroaniline	9.439	65	154782	41.640	ng	96
49) Acenaphthylene	9.757	152	748652	42.320	ng	99
50) Dimethylphthalate	9.622	163	533286	40.667	ng	99
51) 2,6-Dinitrotoluene	9.680	165	115513	42.676	ng	# 72
52) Acenaphthene	9.933	154	434806	41.991	ng	98
53) 3-Nitroaniline	9.851	138	101112	30.697	ng	84
54) 2,4-Dinitrophenol	9.963	184	114980	86.435	ng	97
55) Dibenzofuran	10.104	168	661209	41.848	ng	96
56) 4-Nitrophenol	10.016	139	164963	74.207	ng	# 76
57) 2,4-Dinitrotoluene	10.086	165	144312	41.922	ng	93
58) Fluorene	10.451	166	495264	40.989	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.222	232	127416	40.987	ng	95
60) Diethylphthalate	10.322	149	544209	40.776	ng	99
61) 4-Chlorophenyl-phenyle...	10.439	204	243691	40.854	ng	98
62) 4-Nitroaniline	10.469	138	109407	33.876	ng	93
63) Azobenzene	10.598	77	522154	41.327	ng	97
65) 4,6-Dinitro-2-methylph...	10.498	198	73836	55.003	ng	92
66) n-Nitrosodiphenylamine	10.557	169	436464	46.253	ng	97
67) 4-Bromophenyl-phenylether	10.933	248	141234	45.044	ng	93
68) Hexachlorobenzene	10.992	284	151114	45.831	ng	96
69) Atrazine	11.092	200	129609	47.338	ng	96
70) Pentachlorophenol	11.192	266	148805	75.367	ng	98
71) Phenanthrene	11.416	178	617729	43.341	ng	99
72) Anthracene	11.469	178	623621	41.963	ng	100
73) Carbazole	11.621	167	552669	39.929	ng	100
74) Di-n-butylphthalate	11.957	149	728069	41.031	ng	99
75) Fluoranthene	12.610	202	586431	38.745	ng	99
77) Benzidine	12.733	184	322672	50.330	ng	99
78) Pyrene	12.839	202	598360	33.620	ng	100
80) Butylbenzylphthalate	13.463	149	275909	36.721	ng	94
81) Benzo(a)anthracene	14.039	228	563069	42.607	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	207493	47.226	ng	98
83) Chrysene	14.074	228	544600	43.570	ng	98
84) Bis(2-ethylhexyl)phtha...	14.027	149	414949	44.852	ng	97
85) Di-n-octyl phthalate	14.651	149	789363	60.042	ng	99
87) Indeno(1,2,3-cd)pyrene	17.103	276	711354	42.806	ng	99
88) Benzo(b)fluoranthene	15.109	252	627677	42.777	ng	99
89) Benzo(k)fluoranthene	15.139	252	624278	43.676	ng	98
90) Benzo(a)pyrene	15.492	252	578138	42.455	ng	98
91) Dibenzo(a,h)anthracene	17.133	278	591530	42.996	ng	99
92) Benzo(g,h,i)perylene	17.580	276	551504	40.431	ng	97

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

