

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010523\
 Data File : BF131919.D
 Acq On : 05 Jan 2023 17:23
 Operator : CG\JU
 Sample : 01029-01MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-205MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/06/2023
 Supervised By : Jagrut Upadhyay 01/06/2023

Quant Time: Jan 06 03:11:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 03:02:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	69714	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	258618	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	151536	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	296565	20.000	ng	0.00
76) Chrysene-d12	14.004	240	142821	20.000	ng	0.00
86) Perylene-d12	15.474	264	142851	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	496863	118.113	ng	0.02
7) Phenol-d6	6.445	99	656001	118.694	ng	0.00
23) Nitrobenzene-d5	7.375	82	464984	71.785	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	197525	119.971	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	797494	72.085	ng	0.00
79) Terphenyl-d14	12.945	244	877712	103.953	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.552	88	74963	38.428	ng	97
3) Pyridine	3.281	79	204214	37.238	ng	98
4) n-Nitrosodimethylamine	3.252	42	107440	41.666	ng	96
6) Aniline	6.469	93	263591	39.326	ng	99
8) 2-Chlorophenol	6.587	128	190470	42.976	ng	94
9) Benzaldehyde	6.351	77	124432	35.088	ng	94
10) Phenol	6.457	94	275899	41.919	ng	88
11) bis(2-Chloroethyl)ether	6.540	93	200810	42.666	ng	98
12) 1,3-Dichlorobenzene	6.740	146	213503	42.155	ng	97
13) 1,4-Dichlorobenzene	6.822	146	213802	41.887	ng	97
14) 1,2-Dichlorobenzene	6.975	146	205967	42.944	ng	98
15) Benzyl Alcohol	6.951	79	216192	44.607	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.081	45	257960	42.949	ng	97
17) 2-Methylphenol	7.069	107	170949	42.192	ng	97
18) Hexachloroethane	7.316	117	87569	42.487	ng	94
19) n-Nitroso-di-n-propyla...	7.222	70	167010	42.787	ng	98
20) 3+4-Methylphenols	7.222	107	225498	42.655	ng	93
22) Acetophenone	7.222	105	314146	41.433	ng	# 98
24) Nitrobenzene	7.398	77	256990	39.588	ng	97
25) Isophorone	7.634	82	461917	43.667	ng	99
26) 2-Nitrophenol	7.710	139	106360	42.140	ng	96
27) 2,4-Dimethylphenol	7.751	122	177772	49.377	ng	94
28) bis(2-Chloroethoxy)met...	7.845	93	256516	45.201	ng	98
29) 2,4-Dichlorophenol	7.957	162	180446	41.601	ng	98
30) 1,2,4-Trichlorobenzene	8.034	180	206364	40.127	ng	99
31) Naphthalene	8.116	128	558703	39.447	ng	99
32) Benzoic acid	7.892	122	101617	38.616	ng	98
33) 4-Chloroaniline	8.169	127	152028	27.975	ng	98
34) Hexachlorobutadiene	8.228	225	137600	39.108	ng	99
35) Caprolactam	8.551	113	54047m	42.085	ng	
36) 4-Chloro-3-methylphenol	8.663	107	209694	42.775	ng	95
37) 2-Methylnaphthalene	8.810	142	383850	40.381	ng	98
38) 1-Methylnaphthalene	8.910	142	352467	38.174	ng	99
40) 1,2,4,5-Tetrachloroben...	8.975	216	221588	41.646	ng	98
41) Hexachlorocyclopentadiene	8.957	237	223529	92.844	ng	99
43) 2,4,6-Trichlorophenol	9.092	196	136709	40.116	ng	98

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44) 2,4,5-Trichlorophenol	9.139	196	146434	39.751	ng	94
46) 1,1'-Biphenyl	9.281	154	482786	41.614	ng	98
47) 2-Chloronaphthalene	9.304	162	387313	40.353	ng	97
48) 2-Nitroaniline	9.404	65	143552	40.804	ng	91
49) Acenaphthylene	9.722	152	590198	41.296	ng	100
50) Dimethylphthalate	9.586	163	474704	41.408	ng	99
51) 2,6-Dinitrotoluene	9.651	165	103483	41.698	ng	96
52) Acenaphthene	9.892	154	347095	40.240	ng	99
53) 3-Nitroaniline	9.822	138	72803	28.791	ng	99
54) 2,4-Dinitrophenol	9.939	184	117272	82.114	ng	# 89
55) Dibenzofuran	10.069	168	541842	40.773	ng	99
56) 4-Nitrophenol	9.998	139	136182	76.878	ng	89
57) 2,4-Dinitrotoluene	10.057	165	141857	41.797	ng	91
58) Fluorene	10.410	166	433780	39.983	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.186	232	119780m	39.623	ng	
60) Diethylphthalate	10.286	149	456191	41.345	ng	99
61) 4-Chlorophenyl-phenyle...	10.404	204	238109	42.218	ng	95
62) 4-Nitroaniline	10.445	138	102078	38.734	ng	95
63) Azobenzene	10.563	77	602916	49.236	ng	97
65) 4,6-Dinitro-2-methylph...	10.469	198	81940	40.581	ng	90
66) n-Nitrosodiphenylamine	10.528	169	373510	41.288	ng	99
67) 4-Bromophenyl-phenylether	10.892	248	143849	41.850	ng	94
68) Hexachlorobenzene	10.957	284	158680	42.025	ng	95
69) Atrazine	11.057	200	135170	45.386	ng	98
70) Pentachlorophenol	11.157	266	154639	82.767	ng	98
71) Phenanthrene	11.380	178	642923	39.423	ng	100
72) Anthracene	11.433	178	656570	41.155	ng	99
73) Carbazole	11.592	167	566702	40.237	ng	99
74) Di-n-butylphthalate	11.916	149	700412	41.144	ng	100
75) Fluoranthene	12.569	202	694501	36.560	ng	99
77) Benzidine	12.698	184	317627	135.329	ng	99
78) Pyrene	12.804	202	696129	58.153	ng	99
80) Butylbenzylphthalate	13.421	149	250306	56.374	ng	96
81) Benzo(a)anthracene	13.992	228	430721	41.654	ng	98
82) 3,3'-Dichlorobenzidine	13.957	252	105799	35.399	ng	100
83) Chrysene	14.033	228	394782	40.628	ng	99
84) Bis(2-ethylhexyl)phtha...	13.980	149	310976	57.522	ng	99
85) Di-n-octyl phthalate	14.592	149	376240	51.698	ng	99
87) Indeno(1,2,3-cd)pyrene	16.962	276	486653	53.623	ng	99
88) Benzo(b)fluoranthene	15.051	252	377603	36.050	ng	98
89) Benzo(k)fluoranthene	15.080	252	357128	35.288	ng	100
90) Benzo(a)pyrene	15.415	252	345294	42.580	ng	97
91) Dibenzo(a,h)anthracene	16.974	278	398036	53.544	ng	99
92) Benzo(g,h,i)perylene	17.409	276	396848	45.447	ng	97

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

