

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102823\
 Data File : BF136011.D
 Acq On : 28 Oct 2023 18:10
 Operator : CG\JU
 Sample : 04887-02MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-622-VOC-04MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/31/2023
 Supervised By :mohammad ahmed 10/31/2023

Quant Time: Oct 30 00:27:57 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 26 03:58:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	137069	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	536242	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	281177	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	510515	20.000	ng	0.00
76) Chrysene-d12	14.010	240	271627	20.000	ng	0.00
86) Perylene-d12	15.498	264	327792	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1195268	134.654	ng	0.02
7) Phenol-d6	6.463	99	1394790	126.214	ng	0.00
23) Nitrobenzene-d5	7.392	82	920761	107.902	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	451429	183.423	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	1692427	96.380	ng	0.00
79) Terphenyl-d14	12.957	244	1912863	117.660	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.769	88	182643	44.294	ng	Qvalue # 81
3) Pyridine	3.475	79	369348	32.453	ng	97
4) n-Nitrosodimethylamine	3.428	42	218659	44.062	ng	93
6) Aniline	6.493	93	263706	17.722	ng	97
8) 2-Chlorophenol	6.610	128	497978	54.191	ng	99
9) Benzaldehyde	6.381	77	116815	19.541	ng	96
10) Phenol	6.475	94	523518m	45.314	ng	
11) bis(2-Chloroethyl)ether	6.569	93	477863	53.139	ng	98
12) 1,3-Dichlorobenzene	6.769	146	513194	52.578	ng	95
13) 1,4-Dichlorobenzene	6.845	146	526051	53.663	ng	99
14) 1,2-Dichlorobenzene	6.993	146	496950	54.591	ng	99
15) Benzyl Alcohol	6.969	79	399399	51.126	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.104	45	656110	49.543	ng	96
17) 2-Methylphenol	7.081	107	378523	46.737	ng	99
18) Hexachloroethane	7.334	117	183713	55.114	ng	98
19) n-Nitroso-di-n-propyla...	7.240	70	324507	51.638	ng	96
20) 3+4-Methylphenols	7.234	107	456703	46.722	ng	# 77
22) Acetophenone	7.234	105	652450	53.870	ng	99
24) Nitrobenzene	7.410	77	484872	54.245	ng	96
25) Isophorone	7.645	82	905169	53.402	ng	99
26) 2-Nitrophenol	7.722	139	236935	64.767	ng	99
27) 2,4-Dimethylphenol	7.763	122	373541	48.353	ng	99
28) bis(2-Chloroethoxy)met...	7.857	93	559617	53.764	ng	99
29) 2,4-Dichlorophenol	7.963	162	403256	58.293	ng	97
30) 1,2,4-Trichlorobenzene	8.045	180	441358	56.349	ng	100
31) Naphthalene	8.128	128	1407456	54.287	ng	100
32) Benzoic acid	7.875	122	270065	61.778	ng	93
33) 4-Chloroaniline	8.175	127	41836	3.651	ng	98
34) Hexachlorobutadiene	8.245	225	248290	56.241	ng	99
35) Caprolactam	8.545	113	115337m	50.101	ng	
36) 4-Chloro-3-methylphenol	8.657	107	423930	57.666	ng	98
37) 2-Methylnaphthalene	8.822	142	886103	51.657	ng	99
38) 1-Methylnaphthalene	8.922	142	855562	53.378	ng	100
40) 1,2,4,5-Tetrachloroben...	8.986	216	415067	52.265	ng	100
41) Hexachlorocyclopentadiene	8.975	237	411145	104.995	ng	97
43) 2,4,6-Trichlorophenol	9.098	196	279283	60.085	ng	98

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44) 2,4,5-Trichlorophenol	9.139	196	308010	55.811	ng	96
46) 1,1'-Biphenyl	9.286	154	1130525	53.062	ng	98
47) 2-Chloronaphthalene	9.310	162	856827	54.371	ng	98
48) 2-Nitroaniline	9.404	65	262609	58.150	ng	98
49) Acenaphthylene	9.728	152	1346610	54.165	ng	99
50) Dimethylphthalate	9.592	163	974502	53.444	ng	99
51) 2,6-Dinitrotoluene	9.651	165	226705	58.758	ng	87
52) Acenaphthene	9.898	154	920149m	57.751	ng	
53) 3-Nitroaniline	9.816	138	129641	30.498	ng	# 92
54) 2,4-Dinitrophenol	9.928	184	198852	106.822	ng	# 86
55) Dibenzofuran	10.075	168	1193614	51.857	ng	98
56) 4-Nitrophenol	9.981	139	362197	97.038	ng	98
57) 2,4-Dinitrotoluene	10.057	165	295484	61.309	ng	96
58) Fluorene	10.416	166	900125	52.270	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.186	232	263459	63.441	ng	98
60) Diethylphthalate	10.298	149	945753	54.391	ng	98
61) 4-Chlorophenyl-phenyle...	10.410	204	431101	51.897	ng	97
62) 4-Nitroaniline	10.439	138	235202	52.077	ng	92
63) Azobenzene	10.575	77	898095	50.896	ng	95
65) 4,6-Dinitro-2-methylph...	10.463	198	134979	67.494	ng	85
66) n-Nitrosodiphenylamine	10.533	169	832196	53.959	ng	99
67) 4-Bromophenyl-phenylether	10.904	248	287569	55.003	ng	96
68) Hexachlorobenzene	10.963	284	326778	58.510	ng	96
69) Atrazine	11.063	200	291422	69.315	ng	98
70) Pentachlorophenol	11.157	266	375306	104.615	ng	98
71) Phenanthrene	11.380	178	1386329	53.675	ng	99
72) Anthracene	11.433	178	1422357	53.783	ng	100
73) Carbazole	11.592	167	1250201	52.994	ng	99
74) Di-n-butylphthalate	11.933	149	1483318	59.087	ng	99
75) Fluoranthene	12.575	202	1375318	50.614	ng	98
77) Benzidine	12.698	184	85061	16.241	ng	98
78) Pyrene	12.804	202	1383148	60.646	ng	99
80) Butylbenzylphthalate	13.439	149	543932	61.902	ng	99
81) Benzo(a)anthracene	13.998	228	1008568	54.608	ng	99
82) 3,3'-Dichlorobenzidine	13.969	252	192874	34.325	ng	# 97
83) Chrysene	14.039	228	956868	53.194	ng	100
84) Bis(2-ethylhexyl)phtha...	14.010	149	676067	72.087	ng	# 99
85) Di-n-octyl phthalate	14.627	149	1083706	73.354	ng	97
87) Indeno(1,2,3-cd)pyrene	17.015	276	1031881	55.516	ng	98
88) Benzo(b)fluoranthene	15.063	252	1068975	54.798	ng	100
89) Benzo(k)fluoranthene	15.092	252	890672	46.488	ng	100
90) Benzo(a)pyrene	15.439	252	902134	50.177	ng	99
91) Dibenzo(a,h)anthracene	17.039	278	863085	54.287	ng	98
92) Benzo(g,h,i)perylene	17.474	276	792590	44.172	ng	99

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

