

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122723\
 Data File : BF136770.D
 Acq On : 27 Dec 2023 21:30
 Operator : CG\JU
 Sample : 05862-13MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Dec 27 22:47:27 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)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	83116	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	324049	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	171682	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	325395	20.000	ng	0.00
76) Chrysene-d12	13.969	240	156445	20.000	ng	# 0.00
86) Perylene-d12	15.445	264	173160	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	556354	104.441	ng	0.01
7) Phenol-d6	6.440	99	672504	97.429	ng	0.00
23) Nitrobenzene-d5	7.351	82	496995	78.481	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	230853	114.174	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	979076	76.702	ng	0.00
79) Terphenyl-d14	12.910	244	961557	85.892	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.610	88	72695	32.752	ng	98
3) Pyridine	3.369	79	137075	25.312	ng	98
4) n-Nitrosodimethylamine	3.340	42	107181	37.062	ng	96
6) Aniline	6.451	93	148762	21.556	ng	# 1
8) 2-Chlorophenol	6.575	128	229688	39.401	ng	95
9) Benzaldehyde	6.340	77	75586	19.252	ng	# 84
10) Phenol	6.451	94	253500	34.404	ng	98
11) bis(2-Chloroethyl)ether	6.528	93	214636	38.303	ng	96
12) 1,3-Dichlorobenzene	6.728	146	227592	35.789	ng	96
13) 1,4-Dichlorobenzene	6.804	146	231874	35.685	ng	98
14) 1,2-Dichlorobenzene	6.951	146	220230	36.424	ng	99
15) Benzyl Alcohol	6.934	79	199748	42.895	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.063	45	344219	37.572	ng	97
17) 2-Methylphenol	7.051	107	183694	38.037	ng	96
18) Hexachloroethane	7.287	117	85619	36.282	ng	100
19) n-Nitroso-di-n-propyla...	7.204	70	161906	38.694	ng	98
20) 3+4-Methylphenols	7.204	107	228773	37.918	ng	# 64
22) Acetophenone	7.193	105	336413	41.419	ng	# 92
24) Nitrobenzene	7.369	77	241459	38.063	ng	98
25) Isophorone	7.610	82	461129	40.018	ng	99
26) 2-Nitrophenol	7.681	139	122800	40.460	ng	93
27) 2,4-Dimethylphenol	7.728	122	180712	48.907	ng	99
28) bis(2-Chloroethoxy)met...	7.822	93	278520	39.765	ng	97
29) 2,4-Dichlorophenol	7.928	162	196587	41.325	ng	99
30) 1,2,4-Trichlorobenzene	8.004	180	204913	38.661	ng	98
31) Naphthalene	8.098	128	2695852	151.432	ng	99
32) Benzoic acid	7.857	122	81210	22.715	ng	98
33) 4-Chloroaniline	8.134	127	34680	5.276	ng	98
34) Hexachlorobutadiene	8.198	225	117021	36.339	ng	98
35) Caprolactam	8.522	113	59617m	37.989	ng	
36) 4-Chloro-3-methylphenol	8.634	107	215862	40.307	ng	99
37) 2-Methylnaphthalene	8.781	142	651695	56.881	ng	99
38) 1-Methylnaphthalene	8.875	142	589409	52.437	ng	98
40) 1,2,4,5-Tetrachloroben...	8.945	216	220994	41.564	ng	100
41) Hexachlorocyclopentadiene	8.928	237	105118	63.108	ng	100
43) 2,4,6-Trichlorophenol	9.063	196	138263	40.548	ng	94

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44) 2,4,5-Trichlorophenol	9.110	196	148415	39.059	ng	97
46) 1,1'-Biphenyl	9.245	154	610705	42.390	ng	99
47) 2-Chloronaphthalene	9.269	162	429370	39.204	ng	98
48) 2-Nitroaniline	9.369	65	142590	41.575	ng	99
49) Acenaphthylene	9.687	152	742984	44.383	ng	99
50) Dimethylphthalate	9.551	163	530716	42.322	ng	100
51) 2,6-Dinitrotoluene	9.616	165	115787	40.684	ng	96
52) Acenaphthene	9.857	154	437069	42.119	ng	100
53) 3-Nitroaniline	9.781	138	68914	22.859	ng	96
54) 2,4-Dinitrophenol	9.892	184	67281	44.399	ng	# 83
55) Dibenzofuran	10.028	168	632994	40.241	ng	99
56) 4-Nitrophenol	9.963	139	144790	71.144	ng	96
57) 2,4-Dinitrotoluene	10.022	165	146206	39.573	ng	95
58) Fluorene	10.375	166	529800	42.448	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.151	232	125851	43.026	ng	98
60) Diethylphthalate	10.251	149	543784	41.794	ng	99
61) 4-Chlorophenyl-phenyle...	10.363	204	240219	39.596	ng	98
62) 4-Nitroaniline	10.404	138	110270m	37.941	ng	
63) Azobenzene	10.528	77	493842	40.637	ng	98
65) 4,6-Dinitro-2-methylph...	10.434	198	62717	33.631	ng	88
66) n-Nitrosodiphenylamine	10.486	169	455892	43.129	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	151339	41.879	ng	98
68) Hexachlorobenzene	10.922	284	165218	41.026	ng	97
69) Atrazine	11.022	200	148048	54.760	ng	98
70) Pentachlorophenol	11.122	266	143413	76.400	ng	98
71) Phenanthrene	11.339	178	732857	43.893	ng	99
72) Anthracene	11.392	178	727296	43.013	ng	99
73) Carbazole	11.551	167	641173	40.219	ng	99
74) Di-n-butylphthalate	11.880	149	874866	44.973	ng	99
75) Fluoranthene	12.533	202	653745	36.605	ng	100
77) Benzidine	12.657	184	100727	21.836	ng	98
78) Pyrene	12.763	202	642138	41.812	ng	99
80) Butylbenzylphthalate	13.386	149	272354	48.737	ng	99
81) Benzo(a)anthracene	13.957	228	449095	41.340	ng	98
82) 3,3'-Dichlorobenzidine	13.922	252	67191	21.779	ng	99
83) Chrysene	13.992	228	432769	40.738	ng	98
84) Bis(2-ethylhexyl)phtha...	13.945	149	376679	53.574	ng	99
85) Di-n-octyl phthalate	14.563	149	597948	54.979	ng	98
87) Indeno(1,2,3-cd)pyrene	16.957	276	478203	38.249	ng	99
88) Benzo(b)fluoranthene	15.016	252	459253	39.709	ng	100
89) Benzo(k)fluoranthene	15.045	252	407373	37.277	ng	98
90) Benzo(a)pyrene	15.386	252	395221	40.484	ng	99
91) Dibenzo(a,h)anthracene	16.968	278	403100	39.300	ng	98
92) Benzo(g,h,i)perylene	17.410	276	357174	33.999	ng	99

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

