

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081623\
 Data File : BM041419.D
 Acq On : 16 Aug 2023 11:34
 Operator : MA/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/17/2023
 Supervised By :mohammad ahmed 08/17/2023

Quant Time: Aug 16 17:08:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 16 16:44:10 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	139468	20.000	ng	0.00
21) Naphthalene-d8	10.563	136	568815	20.000	ng	0.00
39) Acenaphthene-d10	14.427	164	389267	20.000	ng	0.00
64) Phenanthrene-d10	17.186	188	907555	20.000	ng	0.00
76) Chrysene-d12	21.392	240	943510	20.000	ng	0.00
86) Perylene-d12	23.756	264	1081842	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	82757	9.871	ng	0.00
7) Phenol-d6	6.946	99	113843	10.000	ng	0.00
23) Nitrobenzene-d5	8.940	82	115012	9.652	ng	0.00
42) 2,4,6-Tribromophenol	15.927	330	60166	9.740	ng	0.00
45) 2-Fluorobiphenyl	13.045	172	288200	9.921	ng	0.00
79) Terphenyl-d14	19.821	244	498643	9.197	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.246	88	19280	5.413	ng	97
3) Pyridine	3.658	79	45579	4.967	ng	94
4) n-Nitrosodimethylamine	3.575	42	23555m	5.426	ng	
6) Aniline	7.104	93	68752	5.079	ng	99
8) 2-Chlorophenol	7.328	128	44435	5.130	ng	98
9) Benzaldehyde	6.922	77	35609m	5.577	ng	
10) Phenol	6.975	94	54823	4.984	ng	97
11) bis(2-Chloroethyl)ether	7.198	93	44717	5.082	ng	97
12) 1,3-Dichlorobenzene	7.651	146	50399	5.235	ng	98
13) 1,4-Dichlorobenzene	7.798	146	51129	5.253	ng	98
14) 1,2-Dichlorobenzene	8.110	146	49354	5.253	ng	100
15) Benzyl Alcohol	8.028	79	35802m	4.430	ng	
16) 2,2'-oxybis(1-Chloropr...	8.293	45	56538	5.362	ng	99
17) 2-Methylphenol	8.228	107	38384	4.882	ng	96
18) Hexachloroethane	8.828	117	18980	5.135	ng	95
19) n-Nitroso-di-n-propyla...	8.581	70	40722	5.214	ng	98
20) 3+4-Methylphenols	8.563	107	53366	4.942	ng	97
22) Acetophenone	8.604	105	71980	4.911	ng	# 99
24) Nitrobenzene	8.987	77	55319	4.649	ng	96
25) Isophorone	9.504	82	107197	4.915	ng	98
26) 2-Nitrophenol	9.698	139	23153	4.457	ng	95
27) 2,4-Dimethylphenol	9.763	122	40688	4.864	ng	100
28) bis(2-Chloroethoxy)met...	9.992	93	64244	5.061	ng	99
29) 2,4-Dichlorophenol	10.239	162	42400	4.627	ng	97
30) 1,2,4-Trichlorobenzene	10.428	180	49556	4.870	ng	98
31) Naphthalene	10.616	128	149355	5.050	ng	99
33) 4-Chloroaniline	10.757	127	58364	4.674	ng	98
34) Hexachlorobutadiene	10.881	225	33010	4.905	ng	96
35) Caprolactam	11.551	113	13756	4.842	ng	91
36) 4-Chloro-3-methylphenol	11.892	107	46881	4.807	ng	94
37) 2-Methylnaphthalene	12.239	142	108320	5.034	ng	98
38) 1-Methylnaphthalene	12.457	142	104291	5.130	ng	97
40) 1,2,4,5-Tetrachloroben...	12.604	216	61416	4.836	ng	98
43) 2,4,6-Trichlorophenol	12.863	196	39309	4.625	ng	96
44) 2,4,5-Trichlorophenol	12.945	196	45244	4.598	ng	99
46) 1,1'-Biphenyl	13.257	154	145694	4.959	ng	98

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47) 2-Chloronaphthalene	13.298	162	110242	4.882	ng	99
48) 2-Nitroaniline	13.533	65	31700	4.297	ng	95
49) Acenaphthylene	14.151	152	177454	4.850	ng	98
50) Dimethylphthalate	13.892	163	154357	5.078	ng	99
51) 2,6-Dinitrotoluene	14.027	165	31303	4.805	ng	98
52) Acenaphthene	14.492	154	108917	4.977	ng	99
53) 3-Nitroaniline	14.369	138	28409	4.373	ng	96
55) Dibenzofuran	14.827	168	184498	5.028	ng	98
57) 2,4-Dinitrotoluene	14.827	165	41039	4.610	ng	# 96
58) Fluorene	15.480	166	148302	5.043	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.063	232	41076	4.912	ng	99
60) Diethylphthalate	15.257	149	153133	5.042	ng	99
61) 4-Chlorophenyl-phenyle...	15.480	204	79823	5.035	ng	97
62) 4-Nitroaniline	15.539	138	23212	3.917	ng	91
63) Azobenzene	15.769	77	145874	4.767	ng	99
65) 4,6-Dinitro-2-methylph...	15.598	198	22420	3.859	ng	95
66) n-Nitrosodiphenylamine	15.698	169	128392	4.806	ng	98
67) 4-Bromophenyl-phenylether	16.374	248	49754	4.784	ng	97
68) Hexachlorobenzene	16.480	284	55847	4.921	ng	99
69) Atrazine	16.663	200	43315	5.713	ng	99
70) Pentachlorophenol	16.845	266	35488	4.465	ng	98
71) Phenanthrene	17.227	178	239503	4.999	ng	99
72) Anthracene	17.321	178	235483	4.847	ng	99
73) Carbazole	17.610	167	209601	4.849	ng	99
74) Di-n-butylphthalate	18.162	149	259220	4.774	ng	99
75) Fluoranthene	19.257	202	289173	5.070	ng	100
77) Benzidine	19.468	184	57466	5.314	ng	97
78) Pyrene	19.621	202	306546	4.543	ng	100
80) Butylbenzylphthalate	20.527	149	120074	4.443	ng	99
81) Benzo(a)anthracene	21.380	228	317630	4.930	ng	100
82) 3,3'-Dichlorobenzidine	21.321	252	100798	4.837	ng	100
83) Chrysene	21.433	228	305321	4.985	ng	98
84) Bis(2-ethylhexyl)phtha...	21.298	149	179587	4.677	ng	99
85) Di-n-octyl phthalate	22.215	149	310842	4.951	ng	99
87) Indeno(1,2,3-cd)pyrene	26.185	276	354481	5.033	ng	100
88) Benzo(b)fluoranthene	23.039	252	314158	4.873	ng	98
89) Benzo(k)fluoranthene	23.086	252	309046	4.743	ng	98
90) Benzo(a)pyrene	23.650	252	298539	4.862	ng	99
91) Dibenzo(a,h)anthracene	26.203	278	299906	5.063	ng	99
92) Benzo(g,h,i)perylene	26.938	276	293570	5.126	ng	98

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

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