

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082721\
 Data File : BM031931.D
 Acq On : 27 Aug 2021 17:21
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

mohammad
 8/30/2021 10:34:55 AM

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Quant Time: Aug 27 17:54:28 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 26 14:24:44 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.510	152	60425	20.000	ng	-0.01
21) Naphthalene-d8	10.269	136	274899	20.000	ng	0.00
39) Acenaphthene-d10	14.151	164	193122	20.000	ng	0.00
64) Phenanthrene-d10	16.910	188	424080	20.000	ng	0.00
76) Chrysene-d12	21.121	240	459879	20.000	ng	0.00
86) Perylene-d12	23.256	264	457511	20.000	ng	0.00

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System Monitoring Compounds						
5) 2-Fluorophenol	5.152	112	291914	77.162	ng	0.00
7) Phenol-d6	6.710	99	434772	80.148	ng	0.00
23) Nitrobenzene-d5	8.669	82	469038	77.179	ng	0.00
42) 2,4,6-Tribromophenol	15.657	330	177400	85.096	ng	0.00
45) 2-Fluorobiphenyl	12.769	172	1052198	73.684	ng	0.00
79) Terphenyl-d14	19.562	244	1970431	68.880	ng	0.00

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Target Compounds					Qvalue	
2) 1,4-Dioxane	3.164	88	54117	36.015	ng	# 86
3) Pyridine	3.546	79	151233m	38.330	ng	
4) n-Nitrosodimethylamine	3.463	42	83597	39.395	ng	# 62
6) Aniline	6.863	93	232973	40.188	ng	96
8) 2-Chlorophenol	7.087	128	171658	39.179	ng	95
9) Benzaldehyde	6.681	77	123746	42.784	ng	94
10) Phenol	6.740	94	215073	39.964	ng	91
11) bis(2-Chloroethyl)ether	6.963	93	162069	39.458	ng	98
12) 1,3-Dichlorobenzene	7.399	146	180409	38.818	ng	95
13) 1,4-Dichlorobenzene	7.546	146	183871	38.554	ng	98
14) 1,2-Dichlorobenzene	7.857	146	180172	39.049	ng	99
15) Benzyl Alcohol	7.763	79	171366	41.898	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.040	45	218617	38.766	ng	97
17) 2-Methylphenol	7.963	107	146763	40.285	ng	96
18) Hexachloroethane	8.563	117	71889	38.623	ng	95
19) n-Nitroso-di-n-propyla...	8.322	70	160701	41.807	ng	92
20) 3+4-Methylphenols	8.293	107	209296	41.590	ng	97
22) Acetophenone	8.334	105	290335	38.875	ng	# 94
24) Nitrobenzene	8.710	77	238498	38.604	ng	95
25) Isophorone	9.228	82	431213	40.322	ng	98
26) 2-Nitrophenol	9.404	139	103512	40.488	ng	86
27) 2,4-Dimethylphenol	9.475	122	153334	39.273	ng	99
28) bis(2-Chloroethoxy)met...	9.710	93	220448	39.200	ng	100
29) 2,4-Dichlorophenol	9.934	162	177280	40.458	ng	97
30) 1,2,4-Trichlorobenzene	10.140	180	181302	37.912	ng	98
31) Naphthalene	10.322	128	589452	38.725	ng	99
32) Benzoic acid	9.657	122	145538	46.433	ng	92
33) 4-Chloroaniline	10.451	127	251207	40.577	ng	95
34) Hexachlorobutadiene	10.592	225	110689	38.196	ng	99
35) Caprolactam	11.269	113	62995	45.855	ng	85
36) 4-Chloro-3-methylphenol	11.581	107	214525	41.841	ng	97
37) 2-Methylnaphthalene	11.939	142	439977	39.876	ng	97
38) 1-Methylnaphthalene	12.163	142	418024	39.697	ng	96
40) 1,2,4,5-Tetrachloroben...	12.316	216	204168	36.619	ng	98
41) Hexachlorocyclopentadiene	12.286	237	96531	37.369	ng	96
43) 2,4,6-Trichlorophenol	12.569	196	152572	38.478	ng	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.645	196	167652	38.921	ng	96
46) 1,1'-Biphenyl	12.981	154	556927	36.825	ng	99
47) 2-Chloronaphthalene	13.016	162	440776	36.977	ng	99
48) 2-Nitroaniline	13.245	65	159408	41.842	ng	91
49) Acenaphthylene	13.875	152	723524	38.419	ng	100
50) Dimethylphthalate	13.633	163	589770	39.520	ng	100
51) 2,6-Dinitrotoluene	13.757	165	135210	40.387	ng	# 77
52) Acenaphthene	14.222	154	442371	38.314	ng	97
53) 3-Nitroaniline	14.086	138	140678	42.727	ng	94
54) 2,4-Dinitrophenol	14.304	184	85249	45.623	ng	# 76
55) Dibenzofuran	14.557	168	723455	38.541	ng	97
56) 4-Nitrophenol	14.410	139	123360	46.814	ng	86
57) 2,4-Dinitrotoluene	14.551	165	195639	43.021	ng	# 86
58) Fluorene	15.210	166	601534	39.601	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.792	232	149728	41.055	ng	94
60) Diethylphthalate	15.010	149	650256	41.623	ng	99
61) 4-Chlorophenyl-phenyle...	15.216	204	288255	39.367	ng	94
62) 4-Nitroaniline	15.263	138	145355	45.116	ng	# 86
63) Azobenzene	15.510	77	699231	40.580	ng	92
65) 4,6-Dinitro-2-methylph...	15.316	198	121137	42.823	ng	88
66) n-Nitrosodiphenylamine	15.439	169	530164	37.125	ng	96
67) 4-Bromophenyl-phenylether	16.110	248	165296	36.625	ng	100
68) Hexachlorobenzene	16.216	284	179144	37.142	ng	91
69) Atrazine	16.404	200	187050	41.942	ng	99
70) Pentachlorophenol	16.563	266	125069	41.475	ng	97
71) Phenanthrene	16.951	178	965375	38.325	ng	99
72) Anthracene	17.045	178	961212	39.148	ng	99
73) Carbazole	17.327	167	967298	40.997	ng	98
74) Di-n-butylphthalate	17.898	149	1215248	42.896	ng	99
75) Fluoranthene	18.980	202	1169923	42.677	ng	98
77) Benzidine	19.186	184	524688	46.489	ng	98
78) Pyrene	19.345	202	1229874	33.645	ng	99
80) Butylbenzylphthalate	20.268	149	607275	39.096	ng	99
81) Benzo(a)anthracene	21.104	228	1263212	38.561	ng	99
82) 3,3'-Dichlorobenzidine	21.045	252	389495	42.920	ng	99
83) Chrysene	21.156	228	1232135	38.612	ng	99
84) Bis(2-ethylhexyl)phtha...	21.051	149	959382	42.758	ng	98
85) Di-n-octyl phthalate	21.909	149	1644306	46.391	ng	# 94
87) Indeno(1,2,3-cd)pyrene	25.380	276	1292760	40.619	ng	96
88) Benzo(b)fluoranthene	22.627	252	1312459	38.773	ng	98
89) Benzo(k)fluoranthene	22.674	252	1194775	36.869	ng	99
90) Benzo(a)pyrene	23.168	252	1142566	38.472	ng	98
91) Dibenzo(a,h)anthracene	25.391	278	1131229	40.983	ng	97
92) Benzo(g,h,i)perylene	26.021	276	1040229	40.011	ng	# 95

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

