

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112520\
 Data File : BP004100.D
 Acq On : 25 Nov 2020 16:48
 Operator : CG/JU
 Sample : L4880-04MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 KENS-B4-112320-0-2MS

Manual Integrations
 APPROVED

mohammad
 11/27/2020 11:45:09 AM

Quant Time: Nov 25 17:15:10 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 23 16:42:41 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.264	152	125196	20.00	ng	0.00
21) Naphthalene-d8	11.099	136	502847	20.00	ng	# 0.00
39) Acenaphthene-d10	14.893	164	322839	20.00	ng	0.00
64) Phenanthrene-d10	17.628	188	691596	20.00	ng	# 0.00
76) Chrysene-d12	21.663	240	666451	20.00	ng	0.00
86) Perylene-d12	24.133	264	741351	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.799	112	679291	90.56	ng	0.00
7) Phenol-d6	7.452	99	907203	84.25	ng	0.00
23) Nitrobenzene-d5	9.434	82	566176	55.14	ng	0.00
42) 2,4,6-Tribromophenol	16.381	330	343291	85.02	ng	0.00
45) 2-Fluorobiphenyl	13.510	172	1215798	52.65	ng	0.00
79) Terphenyl-d14	20.122	244	1648479	47.79	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.476	88	113937	35.21	ng	# 63
3) Pyridine	3.917	79	329912	34.76	ng	# 63
4) n-Nitrosodimethylamine	3.817	42	189202	43.30	ng	# 56
6) Aniline	7.569	93	204220	16.70	ng	# 83
8) 2-Chlorophenol	7.840	128	396952	49.84	ng	# 80
9) Benzaldehyde	7.369	77	50163	7.29	ng	83
10) Phenol	7.481	94	510846	49.16	ng	82
11) bis(2-Chloroethyl)ether	7.658	93	375001	44.90	ng	83
12) 1,3-Dichlorobenzene	8.158	146	422776	43.32	ng	# 94
13) 1,4-Dichlorobenzene	8.299	146	430689	43.77	ng	96
14) 1,2-Dichlorobenzene	8.634	146	413147	43.96	ng	97
15) Benzyl Alcohol	8.505	79	368700	49.43	ng	# 88
16) 2,2'-oxybis(1-Chloropr...	8.793	45	568518	40.42	ng	83
17) 2-Methylphenol	8.740	107	338302	49.59	ng	# 93
18) Hexachloroethane	9.375	117	155819	44.56	ng	97
19) n-Nitroso-di-n-propyla...	9.069	70	296310	46.04	ng	# 77
20) 3+4-Methylphenols	9.069	107	455679	50.04	ng	# 86
22) Acetophenone	9.087	105	580492	43.01	ng	# 83
24) Nitrobenzene	9.475	77	450242	44.13	ng	# 82
25) Isophorone	9.999	82	816677	46.83	ng	# 91
26) 2-Nitrophenol	10.199	139	219674	55.14	ng	# 77
27) 2,4-Dimethylphenol	10.275	122	367159	55.25	ng	94
28) bis(2-Chloroethoxy)met...	10.469	93	490774	41.01	ng	99
29) 2,4-Dichlorophenol	10.763	162	386526	48.27	ng	95
30) 1,2,4-Trichlorobenzene	10.969	180	408481	41.87	ng	99
31) Naphthalene	11.146	128	1171721	43.42	ng	100
32) Benzoic acid	10.463	122	146082	34.20	ng	# 79
33) 4-Chloroaniline	11.240	127	159245	13.89	ng	# 89
34) Hexachlorobutadiene	11.457	225	258605	40.64	ng	99
35) Caprolactam	11.993	113	128677	51.97	ng	# 18
36) 4-Chloro-3-methylphenol	12.387	107	422559	48.88	ng	89
37) 2-Methylnaphthalene	12.734	142	855802	44.32	ng	98
38) 1-Methylnaphthalene	12.951	142	791951	43.00	ng	99
40) 1,2,4,5-Tetrachloroben...	13.116	216	464926	43.51	ng	99
41) Hexachlorocyclopentadiene	13.104	237	380578	70.60	ng	100
43) 2,4,6-Trichlorophenol	13.351	196	309792	46.90	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.440	196	332509	47.81	ng	97
46) 1,1'-Biphenyl	13.722	154	1076934	42.97	ng	98
47) 2-Chloronaphthalene	13.775	162	854696	41.57	ng	99
48) 2-Nitroaniline	13.963	65	283571	46.22	ng #	62
49) Acenaphthylene	14.616	152	1336881	44.28	ng	100
50) Dimethylphthalate	14.322	163	1302307	51.61	ng	100
51) 2,6-Dinitrotoluene	14.440	165	249457	48.18	ng #	75
52) Acenaphthene	14.957	154	944941m	46.98	ng	
53) 3-Nitroaniline	14.775	138	120814	21.08	ng #	78
54) 2,4-Dinitrophenol	14.998	184	232039	79.93	ng #	86
55) Dibenzofuran	15.287	168	1299831	43.50	ng	100
56) 4-Nitrophenol	15.128	139	378813	91.70	ng #	67
57) 2,4-Dinitrotoluene	15.240	165	344417	49.54	ng #	80
58) Fluorene	15.934	166	1057083	44.17	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.528	232	275778	43.99	ng	97
60) Diethylphthalate	15.675	149	1088778	44.06	ng	99
61) 4-Chlorophenyl-phenyle...	15.904	204	556866	42.58	ng	98
62) 4-Nitroaniline	15.940	138	250280	41.89	ng	88
63) Azobenzene	16.198	77	1014646	43.49	ng	85
65) 4,6-Dinitro-2-methylph...	16.016	198	186446	49.80	ng #	80
66) n-Nitrosodiphenylamine	16.122	169	946236	44.69	ng	98
67) 4-Bromophenyl-phenylether	16.798	248	342507	42.33	ng	98
68) Hexachlorobenzene	16.969	284	386103	41.82	ng	98
69) Atrazine	17.051	200	295777	42.56	ng	99
70) Pentachlorophenol	17.304	266	344974	78.10	ng	99
71) Phenanthrene	17.669	178	1675551	43.17	ng	99
72) Anthracene	17.757	178	1727319	46.08	ng	99
73) Carbazole	18.010	167	1577287	45.35	ng	99
74) Di-n-butylphthalate	18.522	149	1861707	46.24	ng #	99
75) Fluoranthene	19.604	202	1999099	44.64	ng	99
77) Benzidine	19.751	184	625142	39.77	ng	100
78) Pyrene	19.951	202	2034125	44.98	ng	99
80) Butylbenzylphthalate	20.763	149	841395	49.93	ng #	84
81) Benzo(a)anthracene	21.645	228	1936542	44.06	ng	99
82) 3,3'-Dichlorobenzidine	21.551	252	407350	26.87	ng	100
83) Chrysene	21.704	228	1851727	43.85	ng	99
84) Bis(2-ethylhexyl)phtha...	21.516	149	1197234	48.20	ng	99
85) Di-n-octyl phthalate	22.445	149	2108624	50.95	ng #	87
87) Indeno(1,2,3-cd)pyrene	26.710	276	2347096	43.89	ng	98
88) Benzo(b)fluoranthene	23.386	252	2088826	43.06	ng	99
89) Benzo(k)fluoranthene	23.433	252	1921829	40.12	ng	99
90) Benzo(a)pyrene	24.027	252	1867327	41.58	ng	99
91) Dibenzo(a,h)anthracene	26.698	278	1987790	44.59	ng	98
92) Benzo(g,h,i)perylene	27.498	276	1945631	45.09	ng	97

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

