

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091820\
 Data File : BP003324.D
 Acq On : 18 Sep 2020 16:33
 Operator : CG/JU
 Sample : L4059-05MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PAV-B33-091720-10-19MSD

Manual Integrations
 APPROVED

mohammad
 9/21/2020 10:35:41 AM

Quant Time: Sep 18 18:57:52 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 18 14:13:41 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.598	152	214992	20.00	ng	0.00
21) Naphthalene-d8	10.381	136	864919	20.00	ng	# 0.00
39) Acenaphthene-d10	14.251	164	518765	20.00	ng	0.00
64) Phenanthrene-d10	17.004	188	1091335	20.00	ng	0.00
76) Chrysene-d12	21.110	240	964462	20.00	ng	0.00
86) Perylene-d12	23.321	264	914064	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.216	112	1238905	100.62	ng	0.00
7) Phenol-d6	6.804	99	1572301	95.80	ng	0.01
23) Nitrobenzene-d5	8.751	82	1018480	69.18	ng	0.00
42) 2,4,6-Tribromophenol	15.751	330	661394	83.59	ng	0.00
45) 2-Fluorobiphenyl	12.869	172	2306373	65.02	ng	0.00
79) Terphenyl-d14	19.586	244	2968050	64.12	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.134	88	153171	30.27	ng	99
3) Pyridine	3.516	79	425521	31.59	ng	93
4) n-Nitrosodimethylamine	3.434	42	147359	36.57	ng	93
6) Aniline	6.934	93	572701	30.39	ng	95
8) 2-Chlorophenol	7.175	128	548294	39.98	ng	92
9) Benzaldehyde	6.740	77	193216	21.11	ng	88
10) Phenol	6.828	94	658372	42.00	ng	92
11) bis(2-Chloroethyl)ether	7.034	93	489138	39.38	ng	99
12) 1,3-Dichlorobenzene	7.493	146	571572	34.86	ng	# 96
13) 1,4-Dichlorobenzene	7.634	146	578605	34.89	ng	96
14) 1,2-Dichlorobenzene	7.951	146	561014	35.24	ng	97
15) Benzyl Alcohol	7.846	79	458565	42.05	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.140	45	356071	39.42	ng	92
17) 2-Methylphenol	8.063	107	456260	40.25	ng	96
18) Hexachloroethane	8.669	117	214461	34.70	ng	98
19) n-Nitroso-di-n-propyla...	8.410	70	325806	37.06	ng	96
20) 3+4-Methylphenols	8.393	107	603402	40.00	ng	96
22) Acetophenone	8.422	105	742729	34.97	ng	# 97
24) Nitrobenzene	8.793	77	546336	37.09	ng	88
25) Isophorone	9.322	82	1009957	37.43	ng	94
26) 2-Nitrophenol	9.498	139	304289	37.82	ng	# 85
27) 2,4-Dimethylphenol	9.581	122	497757	43.75	ng	94
28) bis(2-Chloroethoxy)met...	9.804	93	639568	35.61	ng	99
29) 2,4-Dichlorophenol	10.045	162	522412	36.74	ng	97
30) 1,2,4-Trichlorobenzene	10.251	180	550972	32.66	ng	99
31) Naphthalene	10.428	128	1595087	34.91	ng	100
32) Benzoic acid	9.793	122	312725	40.24	ng	88
33) 4-Chloroaniline	10.545	127	234408	12.08	ng	# 95
34) Hexachlorobutadiene	10.722	225	352830	30.64	ng	99
35) Caprolactam	11.334	113	170352m	35.90	ng	
36) 4-Chloro-3-methylphenol	11.704	107	550272	35.90	ng	92
37) 2-Methylnaphthalene	12.051	142	1137022	34.35	ng	98
38) 1-Methylnaphthalene	12.275	142	1062953	33.82	ng	99
40) 1,2,4,5-Tetrachloroben...	12.434	216	604588	35.60	ng	99
41) Hexachlorocyclopentadiene	12.416	237	487414	79.75	ng	100
43) 2,4,6-Trichlorophenol	12.681	196	409566	37.30	ng	99
44) 2,4,5-Trichlorophenol	12.763	196	432945	38.33	ng	# 96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.081	154	1426047	36.86	ng	98
47) 2-Chloronaphthalene	13.116	162	1112223	34.71	ng	97
48) 2-Nitroaniline	13.328	65	288881	35.63	ng #	79
49) Acenaphthylene	13.969	152	1741356	35.57	ng	99
50) Dimethylphthalate	13.722	163	1720623	41.54	ng	99
51) 2,6-Dinitrotoluene	13.833	165	320321	36.07	ng #	86
52) Acenaphthene	14.316	154	1030970	34.61	ng	100
53) 3-Nitroaniline	14.163	138	185308	19.26	ng #	82
54) 2,4-Dinitrophenol	14.381	184	314827	75.39	ng #	87
55) Dibenzofuran	14.651	168	1636371	34.41	ng	95
56) 4-Nitrophenol	14.510	139	497291	84.56	ng	78
57) 2,4-Dinitrotoluene	14.633	165	431571	35.05	ng #	83
58) Fluorene	15.304	166	1244721	33.14	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.892	232	375500	35.35	ng	99
60) Diethylphthalate	15.092	149	1426116	33.75	ng	100
61) 4-Chlorophenyl-phenyle...	15.304	204	659097	32.15	ng	99
62) 4-Nitroaniline	15.333	138	288211	28.22	ng #	79
63) Azobenzene	15.598	77	1176572	36.53	ng	94
65) 4,6-Dinitro-2-methylph...	15.404	198	237198	41.19	ng	97
66) n-Nitrosodiphenylamine	15.522	169	1161065	36.22	ng	100
67) 4-Bromophenyl-phenylether	16.198	248	451481	34.23	ng	96
68) Hexachlorobenzene	16.322	284	510860	32.60	ng	96
69) Atrazine	16.480	200	325797	25.91	ng	100
70) Pentachlorophenol	16.669	266	542239	80.56	ng	100
71) Phenanthrene	17.051	178	2071932	34.89	ng	99
72) Anthracene	17.139	178	2115171	36.15	ng	100
73) Carbazole	17.416	167	1917654	34.50	ng	99
74) Di-n-butylphthalate	17.980	149	2427556	34.16	ng #	98
75) Fluoranthene	19.033	202	2466857	33.04	ng	100
77) Benzidine	19.216	184	1024962	34.27	ng	99
78) Pyrene	19.380	202	2471141	41.08	ng	99
80) Butylbenzylphthalate	20.263	149	1090325	39.62	ng	90
81) Benzo(a)anthracene	21.092	228	2221079	35.62	ng	100
82) 3,3'-Dichlorobenzidine	21.027	252	697222	28.93	ng	98
83) Chrysene	21.145	228	2103443	35.12	ng	100
84) Bis(2-ethylhexyl)phtha...	21.033	149	1477871	38.15	ng	99
85) Di-n-octyl phthalate	21.892	149	2588165	36.56	ng	98
87) Indeno(1,2,3-cd)pyrene	25.574	276	2341814	33.80	ng	98
88) Benzo(b)fluoranthene	22.657	252	2209321	38.28	ng	100
89) Benzo(k)fluoranthene	22.704	252	1993973	36.04	ng	99
90) Benzo(a)pyrene	23.227	252	1893719	34.79	ng	99
91) Dibenzo(a,h)anthracene	25.586	278	1945919	34.04	ng	98
92) Benzo(g,h,i)perylene	26.268	276	1989668	34.86	ng	98

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

