

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102720\
 Data File : BP003758.D
 Acq On : 27 Oct 2020 17:05
 Operator : CG/JU
 Sample : L4523-05MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CS-41MSD

Quant Time: Oct 27 17:34:36 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP101920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 26 16:22:21 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.511	152	184573	20.00	ng	0.00
21) Naphthalene-d8	11.357	136	690070	20.00	ng	# 0.00
39) Acenaphthene-d10	15.116	164	453093	20.00	ng	0.00
64) Phenanthrene-d10	17.834	188	994044	20.00	ng	0.00
76) Chrysene-d12	21.851	240	943263	20.00	ng	# 0.00
86) Perylene-d12	24.427	264	842173	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.011	112	1339082	121.32	ng	0.00
7) Phenol-d6	7.669	99	1798358	115.32	ng	0.01
23) Nitrobenzene-d5	9.681	82	1208067	74.06	ng	0.00
42) 2,4,6-Tribromophenol	16.592	330	833755	117.95	ng	0.01
45) 2-Fluorobiphenyl	13.740	172	2835736	80.91	ng	0.00
79) Terphenyl-d14	20.304	244	4279924	79.80	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.670	88	176701	37.47	ng	# 89
3) Pyridine	4.117	79	528328	39.61	ng	93
4) n-Nitrosodimethylamine	4.011	42	231388	40.67	ng	# 71
6) Aniline	7.811	93	720159	41.61	ng	91
8) 2-Chlorophenol	8.081	128	570220	51.89	ng	86
9) Benzaldehyde	7.605	77	192888	22.62	ng	# 81
10) Phenol	7.693	94	770824	51.90	ng	84
11) bis(2-Chloroethyl)ether	7.893	93	565532	47.98	ng	92
12) 1,3-Dichlorobenzene	8.405	146	647129	45.67	ng	# 94
13) 1,4-Dichlorobenzene	8.546	146	657421	45.94	ng	# 95
14) 1,2-Dichlorobenzene	8.881	146	630990	46.53	ng	96
15) Benzyl Alcohol	8.746	79	573416	48.10	ng	# 87
16) 2,2'-oxybis(1-Chloropr...	9.034	45	527200	45.14	ng	97
17) 2-Methylphenol	8.963	107	509319	51.77	ng	# 92
18) Hexachloroethane	9.634	117	245430	44.50	ng	94
19) n-Nitroso-di-n-propyla...	9.316	70	444303	46.63	ng	# 88
20) 3+4-Methylphenols	9.293	107	688240	51.97	ng	94
22) Acetophenone	9.334	105	895169	44.33	ng	# 91
24) Nitrobenzene	9.722	77	671412	42.75	ng	# 80
25) Isophorone	10.252	82	1222247	46.50	ng	# 90
26) 2-Nitrophenol	10.452	139	311116	53.04	ng	# 74
27) 2,4-Dimethylphenol	10.510	122	529022	57.43	ng	87
28) bis(2-Chloroethoxy)met...	10.716	93	741196	44.20	ng	98
29) 2,4-Dichlorophenol	11.005	162	592772	49.05	ng	95
30) 1,2,4-Trichlorobenzene	11.222	180	665431	42.97	ng	99
31) Naphthalene	11.404	128	1693756	45.53	ng	100
32) Benzoic acid	10.675	122	304442	47.21	ng	# 63
33) 4-Chloroaniline	11.493	127	406212	26.50	ng	# 90
34) Hexachlorobutadiene	11.716	225	468318	40.08	ng	99
35) Caprolactam	12.234	113	178197	50.36	ng	# 69
36) 4-Chloro-3-methylphenol	12.599	107	633113	48.29	ng	87
37) 2-Methylnaphthalene	12.975	142	1257336	46.58	ng	# 96
38) 1-Methylnaphthalene	13.193	142	1166627	45.72	ng	99
40) 1,2,4,5-Tetrachloroben...	13.346	216	814071	45.37	ng	98
41) Hexachlorocyclopentadiene	13.340	237	937368	90.23	ng	100
43) 2,4,6-Trichlorophenol	13.569	196	514216	48.16	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.646	196	553748	49.92	ng	95
46) 1,1'-Biphenyl	13.951	154	1634680	46.27	ng	99
47) 2-Chloronaphthalene	14.004	162	1292615	43.75	ng	99
48) 2-Nitroaniline	14.175	65	371794	42.61	ng #	64
49) Acenaphthylene	14.840	152	1949965	46.23	ng	100
50) Dimethylphthalate	14.540	163	1828979	49.13	ng	99
51) 2,6-Dinitrotoluene	14.651	165	369421	48.79	ng #	76
52) Acenaphthene	15.181	154	1407327	49.43	ng	86
53) 3-Nitroaniline	14.987	138	230142	30.96	ng #	69
54) 2,4-Dinitrophenol	15.187	184	378962	87.82	ng #	1
55) Dibenzofuran	15.504	168	1963538	45.62	ng	100
56) 4-Nitrophenol	15.304	139	556273	100.01	ng #	59
57) 2,4-Dinitrotoluene	15.440	165	498959	48.70	ng #	79
58) Fluorene	16.145	166	1586505	45.68	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.734	232	515313	48.44	ng	90
60) Diethylphthalate	15.887	149	1596744	43.78	ng	97
61) 4-Chlorophenyl-phenyle...	16.122	204	935757	44.56	ng	94
62) 4-Nitroaniline	16.145	138	334330	40.55	ng #	71
63) Azobenzene	16.416	77	1462652	42.66	ng	90
65) 4,6-Dinitro-2-methylph...	16.210	198	295548	56.40	ng	92
66) n-Nitrosodiphenylamine	16.334	169	1404047	47.45	ng	99
67) 4-Bromophenyl-phenylether	17.010	248	609494	45.79	ng	96
68) Hexachlorobenzene	17.175	284	685959	44.79	ng	95
69) Atrazine	17.257	200	463656	40.18	ng	97
70) Pentachlorophenol	17.504	266	806152	106.58	ng	99
71) Phenanthrene	17.875	178	2509465	45.43	ng	99
72) Anthracene	17.963	178	2560268	47.99	ng	99
73) Carbazole	18.210	167	2219408	46.76	ng	99
74) Di-n-butylphthalate	18.716	149	2680011	46.26	ng #	99
75) Fluoranthene	19.792	202	3094593	45.60	ng	99
77) Benzidine	19.928	184	1087469	48.12	ng	100
78) Pyrene	20.139	202	3090417	48.92	ng	99
80) Butylbenzylphthalate	20.945	149	1138204	49.18	ng #	84
81) Benzo(a)anthracene	21.833	228	2893376	46.01	ng	99
82) 3,3'-Dichlorobenzidine	21.739	252	680215	30.89	ng #	99
83) Chrysene	21.892	228	2749865	46.12	ng	98
84) Bis(2-ethylhexyl)phtha...	21.698	149	1644221	49.64	ng #	97
85) Di-n-octyl phthalate	22.663	149	2661360	49.50	ng #	93
87) Indeno(1,2,3-cd)pyrene	27.115	276	2432512	40.24	ng #	92
88) Benzo(b)fluoranthene	23.645	252	2754090	46.87	ng #	97
89) Benzo(k)fluoranthene	23.692	252	2553141	45.52	ng #	97
90) Benzo(a)pyrene	24.316	252	2281589	43.54	ng #	97
91) Dibenzo(a,h)anthracene	27.115	278	2081633	41.20	ng #	95
92) Benzo(g,h,i)perylene	27.945	276	1970415	42.07	ng #	92

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

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