

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100720\
 Data File : BP003560.D
 Acq On : 07 Oct 2020 19:25
 Operator : CG/JU
 Sample : L4260-04MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PAV-B21-100220-0-10MSD

Manual Integrations
 APPROVED

mohammad
 10/8/2020 12:29:55 PM

Quant Time: Oct 08 01:51:35 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 05 14:33:14 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.493	152	96215	20.00	ng	0.00
21) Naphthalene-d8	10.263	136	368039	20.00	ng	#-0.01
39) Acenaphthene-d10	14.151	164	201224	20.00	ng	0.00
64) Phenanthrene-d10	16.910	188	365613	20.00	ng	# 0.00
76) Chrysene-d12	21.015	240	303211	20.00	ng	-0.01
86) Perylene-d12	23.186	264	364219	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.110	112	603732	109.57	ng	0.00
7) Phenol-d6	6.699	99	724862	98.69	ng	0.00
23) Nitrobenzene-d5	8.646	82	654579	104.49	ng	0.00
42) 2,4,6-Tribromophenol	15.657	330	312023	101.66	ng	0.00
45) 2-Fluorobiphenyl	12.763	172	1231168	89.48	ng	-0.01
79) Terphenyl-d14	19.492	244	1295088	88.99	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.022	88	75053	33.14	ng	# 52
3) Pyridine	3.411	79	120256	19.95	ng	97
4) n-Nitrosodimethylamine	3.322	42	78767	43.68	ng	77
6) Aniline	6.834	93	113780	13.49	ng	# 90
8) 2-Chlorophenol	7.069	128	277644	45.24	ng	89
9) Benzaldehyde	6.646	77	57112	13.94	ng	85
10) Phenol	6.728	94	295003	42.05	ng	84
11) bis(2-Chloroethyl)ether	6.928	93	269209	48.43	ng	95
12) 1,3-Dichlorobenzene	7.381	146	309900	42.24	ng	# 94
13) 1,4-Dichlorobenzene	7.528	146	314664	42.39	ng	95
14) 1,2-Dichlorobenzene	7.840	146	301915	42.38	ng	95
15) Benzyl Alcohol	7.746	79	254863	52.22	ng	88
16) 2,2'-oxybis(1-Chloropr...	8.028	45	196365	48.58	ng	89
17) 2-Methylphenol	7.963	107	227958	44.94	ng	# 93
18) Hexachloroethane	8.551	117	123508	44.66	ng	92
19) n-Nitroso-di-n-propyla...	8.304	70	183999	46.76	ng	# 95
20) 3+4-Methylphenols	8.299	107	287015	42.51	ng	# 77
22) Acetophenone	8.316	105	394960	43.70	ng	# 91
24) Nitrobenzene	8.687	77	318144	50.75	ng	# 83
25) Isophorone	9.210	82	559254	48.71	ng	# 91
26) 2-Nitrophenol	9.398	139	152369	44.51	ng	# 75
27) 2,4-Dimethylphenol	9.481	122	246066	50.82	ng	90
28) bis(2-Chloroethoxy)met...	9.693	93	345366	45.19	ng	98
29) 2,4-Dichlorophenol	9.951	162	248989	41.15	ng	94
30) 1,2,4-Trichlorobenzene	10.140	180	285462	39.77	ng	99
31) Naphthalene	10.316	128	842439	43.33	ng	99
32) Benzoic acid	9.716	122	61119	23.43	ng	# 79
33) 4-Chloroaniline	10.469	127	28760	3.48	ng	# 89
34) Hexachlorobutadiene	10.610	225	187467	38.26	ng	99
35) Caprolactam	11.234	113	52084	25.80	ng	80
36) 4-Chloro-3-methylphenol	11.604	107	265852	40.76	ng	86
37) 2-Methylnaphthalene	11.940	142	577194	40.98	ng	# 96
38) 1-Methylnaphthalene	12.163	142	536058m	40.09	ng	
40) 1,2,4,5-Tetrachloroben...	12.328	216	304981	46.29	ng	# 98
41) Hexachlorocyclopentadiene	12.304	237	163232	72.40	ng	98
43) 2,4,6-Trichlorophenol	12.587	196	179132	42.06	ng	99

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44) 2,4,5-Trichlorophenol	12.681	196	180994	41.31	ng	#	95
46) 1,1'-Biphenyl	12.975	154	705419	47.00	ng		99
47) 2-Chloronaphthalene	13.016	162	544427	43.81	ng		96
48) 2-Nitroaniline	13.234	65	149879	47.65	ng	#	69
49) Acenaphthylene	13.869	152	816846	43.02	ng		99
50) Dimethylphthalate	13.622	163	671270	41.78	ng		100
51) 2,6-Dinitrotoluene	13.739	165	139232	40.42	ng	#	66
52) Acenaphthene	14.216	154	497262	43.03	ng		99
53) 3-Nitroaniline	14.086	138	42653	11.43	ng	#	70
54) 2,4-Dinitrophenol	14.316	184	90939	57.99	ng	#	77
55) Dibenzofuran	14.551	168	764878	41.47	ng		92
56) 4-Nitrophenol	14.439	139	128776	56.45	ng	#	56
57) 2,4-Dinitrotoluene	14.551	165	181024	37.90	ng	#	50
58) Fluorene	15.210	166	600692	41.23	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.804	232	150513m	36.53	ng		
60) Diethylphthalate	14.992	149	623121	38.02	ng		98
61) 4-Chlorophenyl-phenyle...	15.204	204	313728	39.45	ng		96
62) 4-Nitroaniline	15.251	138	107611	27.17	ng	#	68
63) Azobenzene	15.498	77	592533	47.43	ng		88
65) 4,6-Dinitro-2-methylph...	15.333	198	77269	40.05	ng		88
66) n-Nitrosodiphenylamine	15.422	169	514375	47.90	ng		100
67) 4-Bromophenyl-phenylether	16.098	248	194885	44.10	ng	#	90
68) Hexachlorobenzene	16.228	284	221338	42.16	ng		94
69) Atrazine	16.386	200	128243	30.44	ng		99
70) Pentachlorophenol	16.586	266	146022	66.08	ng		99
71) Phenanthrene	16.951	178	864032	43.44	ng		100
72) Anthracene	17.045	178	881372	44.96	ng		100
73) Carbazole	17.322	167	757857	40.70	ng		99
74) Di-n-butylphthalate	17.886	149	950362	39.92	ng	#	98
75) Fluoranthene	18.939	202	927459	37.08	ng		99
77) Benzidine	19.139	184	79123	8.42	ng		98
78) Pyrene	19.292	202	931590	49.27	ng		100
80) Butylbenzylphthalate	20.174	149	373636	43.19	ng	#	86
81) Benzo(a)anthracene	21.004	228	840533	42.88	ng		99
82) 3,3'-Dichlorobenzidine	20.939	252	180513	23.83	ng		98
83) Chrysene	21.057	228	830872	44.12	ng		99
84) Bis(2-ethylhexyl)phtha...	20.939	149	532722	43.74	ng		98
85) Di-n-octyl phthalate	21.786	149	913349	41.04	ng	#	97
87) Indeno(1,2,3-cd)pyrene	25.386	276	1363430	49.39	ng		97
88) Benzo(b)fluoranthene	22.539	252	1011294	43.97	ng		99
89) Benzo(k)fluoranthene	22.580	252	922450	41.85	ng		99
90) Benzo(a)pyrene	23.098	252	928368	42.81	ng		99
91) Dibenzo(a,h)anthracene	25.392	278	1139911	50.04	ng	#	96
92) Benzo(g,h,i)perylene	26.056	276	1216552	53.49	ng		98

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

