

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011922\
 Data File : BP008854.D
 Acq On : 19 Jan 2022 15:22
 Operator : CG/JU
 Sample : N1154-09MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 20220028-KEANSBURG-2-COMP-SPLP-LEACHATEMS

Quant Time: Jan 20 05:28:56 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 14 18:05:00 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 01/20/2022
 Supervised By : Jagrut Upadhyay 01/20/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.846	152	287435	20.000	ng	-0.01
21) Naphthalene-d8	10.646	136	1022185	20.000	ng	-0.01
39) Acenaphthene-d10	14.487	164	575526	20.000	ng	-0.01
64) Phenanthrene-d10	17.245	188	1080737	20.000	ng	0.00
76) Chrysene-d12	21.333	240	1068260	20.000	ng	-0.01
86) Perylene-d12	23.751	264	1229508	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	782360	42.091	ng	0.00
7) Phenol-d6	7.022	99	547051	24.305	ng	-0.01
23) Nitrobenzene-d5	9.011	82	1433250	79.605	ng	0.00
42) 2,4,6-Tribromophenol	15.981	330	878939	104.918	ng	-0.01
45) 2-Fluorobiphenyl	13.110	172	3471330	79.541	ng	-0.01
79) Terphenyl-d14	19.804	244	4020179	63.522	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.346	88	104696	13.916	ng	# 95
3) Pyridine	3.746	79	158731	10.074	ng	96
4) n-Nitrosodimethylamine	3.646	42	121945	16.495	ng	# 76
6) Aniline	7.175	93	445837	15.870	ng	99
8) 2-Chlorophenol	7.417	128	636265	32.141	ng	99
9) Benzaldehyde	6.987	77	304452m	20.238	ng	
10) Phenol	7.052	94	258242	11.254	ng	96
11) bis(2-Chloroethyl)ether	7.269	93	758897	41.567	ng	98
12) 1,3-Dichlorobenzene	7.740	146	930498	39.471	ng	98
13) 1,4-Dichlorobenzene	7.881	146	947448	39.655	ng	100
14) 1,2-Dichlorobenzene	8.199	146	902936	39.634	ng	100
15) Benzyl Alcohol	8.093	79	357668	22.651	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.381	45	836905	40.990	ng	99
17) 2-Methylphenol	8.299	107	383637	24.955	ng	97
18) Hexachloroethane	8.928	117	320168	39.482	ng	100
19) n-Nitroso-di-n-propyla...	8.658	70	532939	40.506	ng	96
20) 3+4-Methylphenols	8.628	107	439955	21.558	ng	98
22) Acetophenone	8.669	105	1156154	44.400	ng	# 97
24) Nitrobenzene	9.052	77	795188	43.724	ng	96
25) Isophorone	9.581	82	1385345	42.577	ng	98
26) 2-Nitrophenol	9.763	139	396946	41.517	ng	94
27) 2,4-Dimethylphenol	9.834	122	587454	36.036	ng	99
28) bis(2-Chloroethoxy)met...	10.063	93	902630	42.512	ng	100
29) 2,4-Dichlorophenol	10.305	162	677726	38.097	ng	99
30) 1,2,4-Trichlorobenzene	10.516	180	872688	41.880	ng	99
31) Naphthalene	10.699	128	2339519	42.139	ng	100
32) Benzoic acid	9.952	122	93229	9.965	ng	99
33) 4-Chloroaniline	10.810	127	325718	14.397	ng	98
34) Hexachlorobutadiene	10.993	225	546616	41.985	ng	99
35) Caprolactam	11.605	113	20146	4.108	ng	96
36) 4-Chloro-3-methylphenol	11.946	107	542492	33.803	ng	99
37) 2-Methylnaphthalene	12.310	142	1684867	41.513	ng	98
38) 1-Methylnaphthalene	12.528	142	1537813	41.280	ng	99
40) 1,2,4,5-Tetrachloroben...	12.681	216	966119	46.040	ng	99
41) Hexachlorocyclopentadiene	12.663	237	834617	77.730	ng	99
43) 2,4,6-Trichlorophenol	12.922	196	561813	43.302	ng	100

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44) 2,4,5-Trichlorophenol	12.999	196	594941	42.605	ng	97
46) 1,1'-Biphenyl	13.322	154	2118084	45.234	ng	100
47) 2-Chloronaphthalene	13.363	162	1614586	44.719	ng	99
48) 2-Nitroaniline	13.569	65	346919	43.275	ng	95
49) Acenaphthylene	14.210	152	2392272	43.856	ng	100
50) Dimethylphthalate	13.951	163	1935345	45.278	ng	100
51) 2,6-Dinitrotoluene	14.063	165	404173	44.584	ng	89
52) Acenaphthene	14.551	154	1443467	44.616	ng	100
53) 3-Nitroaniline	14.399	138	59370	6.659	ng	97
54) 2,4-Dinitrophenol	14.610	184	347064	94.664	ng	94
55) Dibenzofuran	14.887	168	2304486	43.713	ng	98
56) 4-Nitrophenol	14.722	139	183358	28.560	ng	91
57) 2,4-Dinitrotoluene	14.857	165	525454	45.063	ng	# 89
58) Fluorene	15.540	166	1833134	44.024	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.122	232	493058	42.864	ng	# 86
60) Diethylphthalate	15.310	149	1765734	43.537	ng	98
61) 4-Chlorophenyl-phenyle...	15.534	204	982987	43.336	ng	98
62) 4-Nitroaniline	15.557	138	270240	31.298	ng	88
63) Azobenzene	15.828	77	1510405	44.857	ng	94
65) 4,6-Dinitro-2-methylph...	15.622	198	226728	41.991	ng	90
66) n-Nitrosodiphenylamine	15.751	169	1556644	44.753	ng	99
67) 4-Bromophenyl-phenylether	16.428	248	592736	43.922	ng	97
68) Hexachlorobenzene	16.551	284	664105	42.945	ng	97
69) Atrazine	16.710	200	539952	41.773	ng	98
70) Pentachlorophenol	16.898	266	783165	95.076	ng	99
71) Phenanthrene	17.287	178	2731770	44.894	ng	99
72) Anthracene	17.375	178	2741260	44.908	ng	99
73) Carbazole	17.651	167	2431367	46.324	ng	99
74) Di-n-butylphthalate	18.204	149	2883755	45.655	ng	99
75) Fluoranthene	19.257	202	3086697	45.616	ng	96
77) Benzidine	19.434	184	691392	18.320	ng	98
78) Pyrene	19.604	202	3146682	42.216	ng	99
80) Butylbenzylphthalate	20.481	149	1230417	41.044	ng	97
81) Benzo(a)anthracene	21.322	228	3120408	43.419	ng	99
82) 3,3'-Dichlorobenzidine	21.251	252	1062025	34.205	ng	99
83) Chrysene	21.369	228	3051647	43.803	ng	98
84) Bis(2-ethylhexyl)phtha...	21.251	149	1811469	39.019	ng	97
85) Di-n-octyl phthalate	22.175	149	3024947	38.518	ng	99
87) Indeno(1,2,3-cd)pyrene	26.286	276	4750134	46.885	ng	98
88) Benzo(b)fluoranthene	23.016	252	3584814	43.659	ng	99
89) Benzo(k)fluoranthene	23.063	252	3479997	43.784	ng	99
90) Benzo(a)pyrene	23.645	252	3543546	44.711	ng	99
91) Dibenzo(a,h)anthracene	26.298	278	4008359	46.528	ng	98
92) Benzo(g,h,i)perylene	27.057	276	3969749	47.196	ng	98

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

