

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112921\
 Data File : BP008146.D
 Acq On : 29 Nov 2021 17:39
 Operator : CG/JU
 Sample : M4844-01MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 K-1MSD

Quant Time: Nov 30 00:05:03 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 25 01:13:46 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/30/2021
 Supervised By :Sohil Jodhani 11/30/2021

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	76353	20.000	ng	-0.01
21) Naphthalene-d8	10.604	136	276527	20.000	ng	0.00
39) Acenaphthene-d10	14.451	164	179908	20.000	ng	0.00
64) Phenanthrene-d10	17.210	188	398757	20.000	ng	0.00
76) Chrysene-d12	21.310	240	495530	20.000	ng	0.00
86) Perylene-d12	23.704	264	569027	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	463139	97.664	ng	-0.01
7) Phenol-d6	6.987	99	603817	94.323	ng	-0.01
23) Nitrobenzene-d5	8.963	82	406449	66.838	ng	-0.01
42) 2,4,6-Tribromophenol	15.945	330	251098	109.195	ng	-0.01
45) 2-Fluorobiphenyl	13.069	172	822244	66.386	ng	-0.01
79) Terphenyl-d14	19.780	244	1484809	62.623	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.299	88	79934	36.130	ng	98
3) Pyridine	3.699	79	212224m	35.941	ng	
4) n-Nitrosodimethylamine	3.611	42	109520	44.467	ng	98
6) Aniline	7.134	93	208208	27.746	ng	98
8) 2-Chlorophenol	7.375	128	218050	44.918	ng	95
9) Benzaldehyde	6.946	77	134243	37.590	ng	98
10) Phenol	7.011	94	300832	45.730	ng	98
11) bis(2-Chloroethyl)ether	7.234	93	219378	41.722	ng	99
12) 1,3-Dichlorobenzene	7.693	146	242140	43.214	ng	99
13) 1,4-Dichlorobenzene	7.840	146	245418	43.200	ng	98
14) 1,2-Dichlorobenzene	8.152	146	237073	41.961	ng	97
15) Benzyl Alcohol	8.052	79	227150	44.785	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.334	45	316804	39.931	ng	100
17) 2-Methylphenol	8.258	107	189103	44.186	ng	98
18) Hexachloroethane	8.881	117	87858	41.592	ng	94
19) n-Nitroso-di-n-propyla...	8.616	70	169870	38.349	ng	99
20) 3+4-Methylphenols	8.587	107	254968	43.167	ng	99
22) Acetophenone	8.628	105	326210	43.128	ng	100
24) Nitrobenzene	9.005	77	264481	44.847	ng	97
25) Isophorone	9.540	82	445321	41.858	ng	99
26) 2-Nitrophenol	9.716	139	111607	43.863	ng	95
27) 2,4-Dimethylphenol	9.787	122	193665	50.893	ng	98
28) bis(2-Chloroethoxy)met...	10.016	93	265802	39.201	ng	100
29) 2,4-Dichlorophenol	10.257	162	208523	45.882	ng	97
30) 1,2,4-Trichlorobenzene	10.469	180	235347	44.615	ng	98
31) Naphthalene	10.652	128	621194	43.852	ng	100
32) Benzoic acid	9.946	122	148875	47.827	ng	98
33) 4-Chloroaniline	10.769	127	93001	15.825	ng	99
34) Hexachlorobutadiene	10.940	225	159066	44.063	ng	96
35) Caprolactam	11.569	113	65268	64.651	ng	89
36) 4-Chloro-3-methylphenol	11.904	107	233345	44.914	ng	95
37) 2-Methylnaphthalene	12.269	142	445515	44.467	ng	98
38) 1-Methylnaphthalene	12.487	142	411397	42.185	ng	99
40) 1,2,4,5-Tetrachloroben...	12.640	216	266359	45.578	ng	100
41) Hexachlorocyclopentadiene	12.622	237	130879	58.251	ng	98
43) 2,4,6-Trichlorophenol	12.887	196	178419	45.062	ng	96

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44) 2,4,5-Trichlorophenol	12.963	196	194439	45.829	ng	97
46) 1,1'-Biphenyl	13.281	154	561417	43.010	ng	99
47) 2-Chloronaphthalene	13.322	162	463222	44.937	ng	99
48) 2-Nitroaniline	13.528	65	164529	46.317	ng	98
49) Acenaphthylene	14.169	152	730603	45.942	ng	99
50) Dimethylphthalate	13.916	163	554584	41.051	ng	100
51) 2,6-Dinitrotoluene	14.034	165	125091	44.615	ng	95
52) Acenaphthene	14.516	154	421547	44.480	ng	98
53) 3-Nitroaniline	14.357	138	69474	24.450	ng	100
54) 2,4-Dinitrophenol	14.575	184	50011	30.168	ng	100
55) Dibenzofuran	14.851	168	699483	43.190	ng	99
56) 4-Nitrophenol	14.687	139	223851	102.782	ng	92
57) 2,4-Dinitrotoluene	14.828	165	177662	46.172	ng	96
58) Fluorene	15.504	166	549198	41.738	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.087	232	177065m	46.932	ng	
60) Diethylphthalate	15.281	149	547909	40.869	ng	99
61) 4-Chlorophenyl-phenyle...	15.498	204	285360	39.538	ng	100
62) 4-Nitroaniline	15.528	138	123028	41.726	ng	93
63) Azobenzene	15.792	77	570998	41.639	ng	98
65) 4,6-Dinitro-2-methylph...	15.592	198	36713	14.076	ng	94
66) n-Nitrosodiphenylamine	15.716	169	483520	41.861	ng	100
67) 4-Bromophenyl-phenylether	16.398	248	190169	42.888	ng	97
68) Hexachlorobenzene	16.516	284	216114	45.595	ng	97
69) Atrazine	16.675	200	192263	64.135	ng	98
70) Pentachlorophenol	16.863	266	296323	105.137	ng	97
71) Phenanthrene	17.251	178	959652	45.581	ng	100
72) Anthracene	17.345	178	973023	46.570	ng	100
73) Carbazole	17.616	167	888636	43.569	ng	100
74) Di-n-butylphthalate	18.175	149	1003194	39.291	ng	100
75) Fluoranthene	19.228	202	1334193	47.042	ng	98
77) Benzidine	19.410	184	1006742	148.109	ng	98
78) Pyrene	19.580	202	1394983	44.677	ng	99
80) Butylbenzylphthalate	20.457	149	538475	38.161	ng	99
81) Benzo(a)anthracene	21.298	228	1451323	44.192	ng	99
82) 3,3'-Dichlorobenzidine	21.227	252	509588	32.933	ng	99
83) Chrysene	21.351	228	1419645	45.426	ng	100
84) Bis(2-ethylhexyl)phtha...	21.227	149	750955	35.052	ng	# 98
85) Di-n-octyl phthalate	22.145	149	1448450	39.799	ng	99
87) Indeno(1,2,3-cd)pyrene	26.210	276	1850452	44.700	ng	97
88) Benzo(b)fluoranthene	22.980	252	1629898	47.514	ng	99
89) Benzo(k)fluoranthene	23.027	252	1464442	43.606	ng	99
90) Benzo(a)pyrene	23.604	252	1551711	52.926	ng	# 98
91) Dibenzo(a,h)anthracene	26.221	278	1543885	44.906	ng	98
92) Benzo(g,h,i)perylene	26.974	276	1584591	45.686	ng	97

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

