

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021524\
 Data File : BP019726.D
 Acq On : 15 Feb 2024 16:54
 Operator : MA/JU
 Sample : P1483-03MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 VNJ-205MSD

Quant Time: Feb 15 17:20:40 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 01 00:51:48 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/17/2024
 Supervised By :mohammad ahmed 02/17/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.899	152	76105	20.000	ng	-0.02
21) Naphthalene-d8	10.704	136	272738	20.000	ng	-0.01
39) Acenaphthene-d10	14.540	164	177223	20.000	ng	-0.01
64) Phenanthrene-d10	17.298	188	402004	20.000	ng	0.00
76) Chrysene-d12	21.392	240	427125	20.000	ng	0.00
86) Perylene-d12	23.810	264	537037	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	330475	69.995	ng	-0.01
7) Phenol-d6	7.075	99	430205	67.577	ng	-0.01
23) Nitrobenzene-d5	9.069	82	293243	46.589	ng	-0.02
42) 2,4,6-Tribromophenol	16.034	330	226540	87.549	ng	0.00
45) 2-Fluorobiphenyl	13.163	172	624658	43.573	ng	-0.02
79) Terphenyl-d14	19.857	244	1063428	40.945	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.381	88	64290	35.343	ng	96
3) Pyridine	3.781	79	177542	36.000	ng	100
4) n-Nitrosodimethylamine	3.699	42	90850	42.312	ng	97
6) Aniline	7.234	93	221274	35.771	ng	98
8) 2-Chlorophenol	7.463	128	214041	44.157	ng	96
9) Benzaldehyde	7.052	77	44857m	10.050	ng	
10) Phenol	7.105	94	269245	42.434	ng	98
11) bis(2-Chloroethyl)ether	7.340	93	199178	40.349	ng	98
12) 1,3-Dichlorobenzene	7.787	146	246387	41.540	ng	97
13) 1,4-Dichlorobenzene	7.940	146	251309	41.821	ng	96
14) 1,2-Dichlorobenzene	8.252	146	239737	41.233	ng	99
15) Benzyl Alcohol	8.152	79	216127	42.489	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.428	45	189827	38.455	ng	99
17) 2-Methylphenol	8.352	107	178653	41.822	ng	99
18) Hexachloroethane	8.969	117	93797	40.270	ng	98
19) n-Nitroso-di-n-propyla...	8.722	70	163288	37.551	ng	98
20) 3+4-Methylphenols	8.681	107	240707	41.289	ng	97
22) Acetophenone	8.734	105	326263	41.991	ng	# 98
24) Nitrobenzene	9.116	77	254387	40.141	ng	99
25) Isophorone	9.646	82	446331	40.717	ng	100
26) 2-Nitrophenol	9.822	139	116588	48.249	ng	97
27) 2,4-Dimethylphenol	9.887	122	156407	50.620	ng	97
28) bis(2-Chloroethoxy)met...	10.128	93	251124	40.490	ng	99
29) 2,4-Dichlorophenol	10.357	162	211791	45.344	ng	98
30) 1,2,4-Trichlorobenzene	10.563	180	249907	43.637	ng	99
31) Naphthalene	10.752	128	633013	42.318	ng	100
32) Benzoic acid	10.040	122	150573	50.017	ng	93
33) 4-Chloroaniline	10.875	127	102113	18.459	ng	98
34) Hexachlorobutadiene	11.022	225	180618	42.560	ng	98
35) Caprolactam	11.681	113	63341	47.904	ng	99
36) 4-Chloro-3-methylphenol	11.999	107	232820	45.715	ng	98
37) 2-Methylnaphthalene	12.363	142	438815	42.389	ng	98
38) 1-Methylnaphthalene	12.581	142	417006	40.992	ng	99
40) 1,2,4,5-Tetrachloroben...	12.728	216	307606	45.005	ng	99
41) Hexachlorocyclopentadiene	12.693	237	323257	104.694	ng	99
43) 2,4,6-Trichlorophenol	12.975	196	194730	47.051	ng	98

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44) 2,4,5-Trichlorophenol	13.046	196	208784	45.941	ng	97
46) 1,1'-Biphenyl	13.375	154	597860	42.267	ng	100
47) 2-Chloronaphthalene	13.416	162	476841	41.067	ng	98
48) 2-Nitroaniline	13.634	65	147557	45.448	ng	98
49) Acenaphthylene	14.263	152	763304	46.857	ng	99
50) Dimethylphthalate	14.010	163	600572	44.267	ng	99
51) 2,6-Dinitrotoluene	14.134	165	133818	44.894	ng	92
52) Acenaphthene	14.604	154	431196	42.648	ng	99
53) 3-Nitroaniline	14.457	138	101241	36.959	ng	95
54) 2,4-Dinitrophenol	14.675	184	160586	103.762	ng	96
55) Dibenzofuran	14.940	168	731154	44.401	ng	99
56) 4-Nitrophenol	14.775	139	222804	99.234	ng	95
57) 2,4-Dinitrotoluene	14.922	165	187386	47.973	ng	97
58) Fluorene	15.592	166	586078	44.686	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.163	232	201012	52.585	ng	95
60) Diethylphthalate	15.375	149	593858	44.008	ng	99
61) 4-Chlorophenyl-phenyle...	15.587	204	330209	44.794	ng	97
62) 4-Nitroaniline	15.628	138	131288	45.724	ng	98
63) Azobenzene	15.881	77	549154	42.083	ng	98
65) 4,6-Dinitro-2-methylph...	15.681	198	112180	48.939	ng	94
66) n-Nitrosodiphenylamine	15.810	169	507602	42.161	ng	100
67) 4-Bromophenyl-phenylether	16.487	248	220104	43.797	ng	95
68) Hexachlorobenzene	16.587	284	256650	43.732	ng	95
69) Atrazine	16.769	200	204050	51.075	ng	97
70) Pentachlorophenol	16.939	266	361693	98.967	ng	98
71) Phenanthrene	17.339	178	949457	44.879	ng	99
72) Anthracene	17.428	178	956186	45.307	ng	99
73) Carbazole	17.704	167	850026	44.336	ng	100
74) Di-n-butylphthalate	18.263	149	965904	41.667	ng	100
75) Fluoranthene	19.304	202	1223832	47.354	ng	100
77) Benzidine	19.498	184	640878	71.769	ng	99
78) Pyrene	19.657	202	1240261	41.144	ng	99
80) Butylbenzylphthalate	20.545	149	439533	39.044	ng	99
81) Benzo(a)anthracene	21.375	228	1367041	45.467	ng	100
82) 3,3'-Dichlorobenzidine	21.310	252	470923	42.982	ng	99
83) Chrysene	21.427	228	1267848	44.415	ng	100
84) Bis(2-ethylhexyl)phtha...	21.310	149	617849	36.043	ng	100
85) Di-n-octyl phthalate	22.257	149	1113773	36.928	ng	99
87) Indeno(1,2,3-cd)pyrene	26.351	276	1799894	43.784	ng	98
88) Benzo(b)fluoranthene	23.074	252	1474434	43.562	ng	99
89) Benzo(k)fluoranthene	23.127	252	1405681	43.477	ng	99
90) Benzo(a)pyrene	23.704	252	1349482	44.809	ng	98
91) Dibenzo(a,h)anthracene	26.374	278	1468345	43.430	ng	98
92) Benzo(g,h,i)perylene	27.127	276	1425321	41.554	ng	99

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

