

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022824\
 Data File : BP019926.D
 Acq On : 28 Feb 2024 20:35
 Operator : MA/JU
 Sample : P1610-01MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SU-02-02272024MS

Quant Time: Feb 29 00:35:28 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP022624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 27 02:05:05 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/29/2024
 Supervised By :mohammad ahmed 03/01/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	112170	20.000	ng	0.00
21) Naphthalene-d8	10.699	136	433762	20.000	ng	0.00
39) Acenaphthene-d10	14.545	164	294522	20.000	ng	0.00
64) Phenanthrene-d10	17.310	188	546239	20.000	ng	0.00
76) Chrysene-d12	21.416	240	444552	20.000	ng	0.00
86) Perylene-d12	23.851	264	512469	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	292527	42.805	ng	0.00
7) Phenol-d6	7.075	99	403836	39.690	ng	0.00
23) Nitrobenzene-d5	9.069	82	277672	25.844	ng	0.00
42) 2,4,6-Tribromophenol	16.045	330	208720	41.330	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	669313	30.704	ng	0.00
79) Terphenyl-d14	19.880	244	845483	29.976	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.364	88	69418	29.368	ng	98
3) Pyridine	3.769	79	192124	26.575	ng	99
4) n-Nitrosodimethylamine	3.693	42	108121	36.292	ng	99
6) Aniline	7.228	93	287435	23.029	ng	96
8) 2-Chlorophenol	7.458	128	306564	41.600	ng	99
9) Benzaldehyde	7.046	77	40754m	7.017	ng	
10) Phenol	7.105	94	396446	39.075	ng	97
11) bis(2-Chloroethyl)ether	7.334	93	281095	35.178	ng	98
12) 1,3-Dichlorobenzene	7.781	146	335948	41.989	ng	97
13) 1,4-Dichlorobenzene	7.928	146	344403	42.508	ng	97
14) 1,2-Dichlorobenzene	8.246	146	333092	40.983	ng	99
15) Benzyl Alcohol	8.152	79	312802m	34.848	ng	
16) 2,2'-oxybis(1-Chloropr...	8.422	45	282719m	33.138	ng	
17) 2-Methylphenol	8.352	107	266724	35.152	ng	96
18) Hexachloroethane	8.963	117	84429	26.892	ng	95
19) n-Nitroso-di-n-propyla...	8.716	70	244322	31.786	ng	99
20) 3+4-Methylphenols	8.681	107	361080	33.118	ng	98
22) Acetophenone	8.734	105	485491	36.038	ng	# 98
24) Nitrobenzene	9.116	77	373565	35.914	ng	98
25) Isophorone	9.646	82	669592	35.805	ng	99
26) 2-Nitrophenol	9.822	139	144062	34.613	ng	98
27) 2,4-Dimethylphenol	9.887	122	234790	34.171	ng	98
28) bis(2-Chloroethoxy)met...	10.128	93	377669	36.187	ng	99
29) 2,4-Dichlorophenol	10.357	162	334255	43.614	ng	99
30) 1,2,4-Trichlorobenzene	10.563	180	378745	44.983	ng	97
31) Naphthalene	10.751	128	951558	40.972	ng	99
32) Benzoic acid	10.081	122	223051	38.316	ng	97
33) 4-Chloroaniline	10.881	127	239894	22.735	ng	99
34) Hexachlorobutadiene	11.016	225	271199	44.293	ng	99
35) Caprolactam	11.710	113	96155m	34.022	ng	
36) 4-Chloro-3-methylphenol	12.010	107	358734	37.944	ng	98
37) 2-Methylnaphthalene	12.363	142	687420	38.130	ng	99
38) 1-Methylnaphthalene	12.581	142	650116	38.109	ng	98
40) 1,2,4,5-Tetrachloroben...	12.728	216	491642	48.868	ng	99
41) Hexachlorocyclopentadiene	12.693	237	30104	5.779	ng	97
43) 2,4,6-Trichlorophenol	12.981	196	306400	46.126	ng	98

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44) 2,4,5-Trichlorophenol	13.063	196	328989	41.577	ng	98
46) 1,1'-Biphenyl	13.381	154	934083	44.294	ng	98
47) 2-Chloronaphthalene	13.422	162	752216	45.956	ng	99
48) 2-Nitroaniline	13.640	65	246739	41.708	ng	98
49) Acenaphthylene	14.269	152	1158111	43.672	ng	100
50) Dimethylphthalate	14.016	163	918035	38.183	ng	100
51) 2,6-Dinitrotoluene	14.145	165	188934	36.513	ng	97
52) Acenaphthene	14.610	154	652403	40.973	ng	99
53) 3-Nitroaniline	14.475	138	188091	36.721	ng	96
54) 2,4-Dinitrophenol	14.692	184	21710	6.436	ng	95
55) Dibenzofuran	14.945	168	1124200	41.370	ng	99
56) 4-Nitrophenol	14.798	139	294518	73.503	ng	97
57) 2,4-Dinitrotoluene	14.939	165	253146	34.374	ng	94
58) Fluorene	15.598	166	874325	39.671	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.175	232	293991	40.496	ng	96
60) Diethylphthalate	15.381	149	904882	38.096	ng	98
61) 4-Chlorophenyl-phenyle...	15.592	204	512894	40.693	ng	98
62) 4-Nitroaniline	15.645	138	195621m	36.667	ng	
63) Azobenzene	15.892	77	812579	36.748	ng	97
65) 4,6-Dinitro-2-methylph...	15.704	198	17500	4.720	ng	99
66) n-Nitrosodiphenylamine	15.816	169	754094	48.111	ng	99
67) 4-Bromophenyl-phenylether	16.492	248	326301	48.311	ng	99
68) Hexachlorobenzene	16.598	284	358646	49.238	ng	99
69) Atrazine	16.786	200	269269	41.058	ng	99
70) Pentachlorophenol	16.957	266	429949	79.857	ng	98
71) Phenanthrene	17.351	178	1237987	42.460	ng	100
72) Anthracene	17.445	178	1239700	41.651	ng	100
73) Carbazole	17.722	167	1035670	39.288	ng	100
74) Di-n-butylphthalate	18.275	149	1319643	40.027	ng	100
75) Fluoranthene	19.327	202	1321987	34.937	ng	99
77) Benzidine	19.516	184	529411	41.458	ng	99
78) Pyrene	19.680	202	1338933	43.837	ng	99
80) Butylbenzylphthalate	20.563	149	483049	39.549	ng	98
81) Benzo(a)anthracene	21.398	228	1351661	42.834	ng	99
82) 3,3'-Dichlorobenzidine	21.333	252	451814	37.331	ng	99
83) Chrysene	21.451	228	1236486	41.817	ng	99
84) Bis(2-ethylhexyl)phtha...	21.327	149	692184	39.479	ng	98
85) Di-n-octyl phthalate	22.274	149	1176320	40.314	ng	99
87) Indeno(1,2,3-cd)pyrene	26.427	276	1604567	44.475	ng	98
88) Benzo(b)fluoranthene	23.110	252	1368847	43.568	ng	97
89) Benzo(k)fluoranthene	23.157	252	1275432	41.392	ng	99
90) Benzo(a)pyrene	23.745	252	1235167	41.137	ng	97
91) Dibenzo(a,h)anthracene	26.445	278	1320462	43.537	ng	98
92) Benzo(g,h,i)perylene	27.209	276	1252590	42.782	ng	95

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

