

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021424\
 Data File : BP019704.D
 Acq On : 14 Feb 2024 16:39
 Operator : MA/JU
 Sample : P1461-04MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-1MS

Quant Time: Feb 14 17:17:33 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 02/15/2024
 Supervised By :mohammad ahmed 02/15/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	67015	20.000	ng	-0.01
21) Naphthalene-d8	10.704	136	243463	20.000	ng	-0.01
39) Acenaphthene-d10	14.539	164	161147	20.000	ng	-0.01
64) Phenanthrene-d10	17.292	188	384069	20.000	ng	-0.01
76) Chrysene-d12	21.386	240	393735	20.000	ng	0.00
86) Perylene-d12	23.809	264	455425	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	397688	95.656	ng	-0.01
7) Phenol-d6	7.075	99	515151	91.897	ng	-0.01
23) Nitrobenzene-d5	9.075	82	348350	61.999	ng	-0.01
42) 2,4,6-Tribromophenol	16.033	330	292217	124.196	ng	0.00
45) 2-Fluorobiphenyl	13.163	172	830791	63.734	ng	-0.02
79) Terphenyl-d14	19.863	244	1574395	65.759	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.381	88	62390	38.950	ng	99
3) Pyridine	3.781	79	162390	37.394	ng	99
4) n-Nitrosodimethylamine	3.699	42	84200	44.534	ng	97
6) Aniline	7.234	93	139565	25.622	ng	98
8) 2-Chlorophenol	7.463	128	199071	46.639	ng	99
9) Benzaldehyde	7.052	77	45916m	11.683	ng	
10) Phenol	7.104	94	252293	45.156	ng	97
11) bis(2-Chloroethyl)ether	7.340	93	187560	43.149	ng	98
12) 1,3-Dichlorobenzene	7.787	146	229139	43.872	ng	97
13) 1,4-Dichlorobenzene	7.940	146	235834	44.569	ng	99
14) 1,2-Dichlorobenzene	8.251	146	225210	43.989	ng	98
15) Benzyl Alcohol	8.151	79	202570	45.226	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.428	45	178547m	41.076	ng	
17) 2-Methylphenol	8.351	107	168116	44.694	ng	96
18) Hexachloroethane	8.969	117	87453	42.639	ng	98
19) n-Nitroso-di-n-propyla...	8.722	70	155926	40.722	ng	98
20) 3+4-Methylphenols	8.681	107	228592	44.529	ng	97
22) Acetophenone	8.734	105	312049	44.991	ng	# 98
24) Nitrobenzene	9.116	77	237585	41.998	ng	97
25) Isophorone	9.640	82	424747	43.407	ng	100
26) 2-Nitrophenol	9.822	139	110162	51.072	ng	93
27) 2,4-Dimethylphenol	9.881	122	147153	53.352	ng	97
28) bis(2-Chloroethoxy)met...	10.128	93	238958	43.162	ng	99
29) 2,4-Dichlorophenol	10.351	162	204878	49.139	ng	97
30) 1,2,4-Trichlorobenzene	10.563	180	239716	46.891	ng	98
31) Naphthalene	10.751	128	595603	44.605	ng	99
32) Benzoic acid	10.034	122	143508	53.402	ng	97
33) 4-Chloroaniline	10.875	127	70019	14.179	ng	98
34) Hexachlorobutadiene	11.022	225	170818	45.091	ng	98
35) Caprolactam	11.675	113	63212	53.555	ng	98
36) 4-Chloro-3-methylphenol	11.998	107	223640	49.192	ng	98
37) 2-Methylnaphthalene	12.363	142	425964	46.096	ng	97
38) 1-Methylnaphthalene	12.581	142	400730	44.128	ng	99
40) 1,2,4,5-Tetrachloroben...	12.728	216	291186	46.853	ng	99
41) Hexachlorocyclopentadiene	12.692	237	311920	111.100	ng	99
43) 2,4,6-Trichlorophenol	12.975	196	188886	50.192	ng	98

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44) 2,4,5-Trichlorophenol	13.045	196	209177	50.620	ng	95
46) 1,1'-Biphenyl	13.375	154	583101	45.336	ng	99
47) 2-Chloronaphthalene	13.416	162	470495	44.563	ng	99
48) 2-Nitroaniline	13.628	65	147443	49.943	ng	99
49) Acenaphthylene	14.263	152	759570	51.279	ng	99
50) Dimethylphthalate	14.010	163	609576	49.413	ng	99
51) 2,6-Dinitrotoluene	14.134	165	136300	50.288	ng	94
52) Acenaphthene	14.604	154	424572	46.183	ng	100
53) 3-Nitroaniline	14.457	138	82122	32.970	ng	97
54) 2,4-Dinitrophenol	14.669	184	151066	107.348	ng	97
55) Dibenzofuran	14.939	168	732425	48.916	ng	99
56) 4-Nitrophenol	14.769	139	228418	111.883	ng	96
57) 2,4-Dinitrotoluene	14.922	165	191496	53.916	ng	95
58) Fluorene	15.592	166	593590	49.773	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.163	232	200274	57.619	ng	97
60) Diethylphthalate	15.375	149	615499	50.161	ng	99
61) 4-Chlorophenyl-phenyle...	15.586	204	332166	49.555	ng	97
62) 4-Nitroaniline	15.622	138	132129	50.608	ng	97
63) Azobenzene	15.880	77	561889	47.355	ng	98
65) 4,6-Dinitro-2-methylph...	15.680	198	106843	48.787	ng	96
66) n-Nitrosodiphenylamine	15.804	169	525227	45.662	ng	98
67) 4-Bromophenyl-phenylether	16.486	248	222481	46.337	ng	97
68) Hexachlorobenzene	16.586	284	260360	46.436	ng	97
69) Atrazine	16.769	200	219361	57.471	ng	99
70) Pentachlorophenol	16.939	266	365327	104.629	ng	98
71) Phenanthrene	17.339	178	987045	48.834	ng	99
72) Anthracene	17.427	178	1003096	49.750	ng	100
73) Carbazole	17.704	167	897110	48.977	ng	99
74) Di-n-butylphthalate	18.263	149	1057106	47.730	ng	100
75) Fluoranthene	19.304	202	1313014	53.177	ng	99
77) Benzidine	19.492	184	497343	60.418	ng	99
78) Pyrene	19.657	202	1343130	48.335	ng	99
80) Butylbenzylphthalate	20.545	149	496005	47.797	ng	98
81) Benzo(a)anthracene	21.374	228	1374715	49.600	ng	100
82) 3,3'-Dichlorobenzidine	21.310	252	387612	38.379	ng	99
83) Chrysene	21.427	228	1282433	48.736	ng	99
84) Bis(2-ethylhexyl)phtha...	21.310	149	718509	45.469	ng	100
85) Di-n-octyl phthalate	22.257	149	1251593	45.017	ng	99
87) Indeno(1,2,3-cd)pyrene	26.339	276	1648003	47.273	ng	98
88) Benzo(b)fluoranthene	23.068	252	1416022	49.333	ng	99
89) Benzo(k)fluoranthene	23.121	252	1287035	46.941	ng	98
90) Benzo(a)pyrene	23.704	252	1259177	49.303	ng	100
91) Dibenzo(a,h)anthracene	26.368	278	1344962	46.909	ng	98
92) Benzo(g,h,i)perylene	27.121	276	1306381	44.912	ng	98

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

