

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022024\
 Data File : BP019788.D
 Acq On : 20 Feb 2024 16:28
 Operator : MA/JU
 Sample : P1514-02MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ETGI-343MS

Quant Time: Feb 20 17:12:17 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 19 23:35:42 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/21/2024
 Supervised By :mohammad ahmed 02/21/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.899	152	72187	20.000	ng	0.00
21) Naphthalene-d8	10.698	136	263993	20.000	ng	0.00
39) Acenaphthene-d10	14.534	164	183561	20.000	ng	0.00
64) Phenanthrene-d10	17.292	188	417827	20.000	ng	0.00
76) Chrysene-d12	21.386	240	448470	20.000	ng	0.00
86) Perylene-d12	23.798	264	510753	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	541430	120.900	ng	0.00
7) Phenol-d6	7.075	99	668900	110.774	ng	0.00
23) Nitrobenzene-d5	9.069	82	518486	85.104	ng	0.00
42) 2,4,6-Tribromophenol	16.033	330	460069	171.660	ng	0.00
45) 2-Fluorobiphenyl	13.163	172	1231199	82.918	ng	0.00
79) Terphenyl-d14	19.857	244	2510204	92.049	ng	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.393	88	59453	34.457	ng	# 78
3) Pyridine	3.793	79	144350	30.858	ng	99
4) n-Nitrosodimethylamine	3.705	42	85072	41.772	ng	98
6) Aniline	7.234	93	134352	22.898	ng	98
8) 2-Chlorophenol	7.463	128	206878	44.995	ng	97
9) Benzaldehyde	7.046	77	31723m	7.493	ng	
10) Phenol	7.099	94	244470	40.621	ng	97
11) bis(2-Chloroethyl)ether	7.334	93	196002	41.861	ng	99
12) 1,3-Dichlorobenzene	7.787	146	232936	41.404	ng	97
13) 1,4-Dichlorobenzene	7.934	146	240486	42.192	ng	98
14) 1,2-Dichlorobenzene	8.246	146	230031	41.711	ng	97
15) Benzyl Alcohol	8.152	79	224797m	46.593	ng	
16) 2,2'-oxybis(1-Chloropr...	8.422	45	193244	41.272	ng	99
17) 2-Methylphenol	8.351	107	178646	44.090	ng	98
18) Hexachloroethane	8.963	117	90505	40.965	ng	100
19) n-Nitroso-di-n-propyla...	8.716	70	173644	42.100	ng	98
20) 3+4-Methylphenols	8.681	107	240407	43.475	ng	95
22) Acetophenone	8.734	105	330960	44.006	ng	# 98
24) Nitrobenzene	9.110	77	255171	41.599	ng	98
25) Isophorone	9.640	82	475372	44.803	ng	100
26) 2-Nitrophenol	9.816	139	117181	50.101	ng	98
27) 2,4-Dimethylphenol	9.881	122	161046	53.848	ng	99
28) bis(2-Chloroethoxy)met...	10.122	93	269691	44.925	ng	100
29) 2,4-Dichlorophenol	10.351	162	226431	50.085	ng	98
30) 1,2,4-Trichlorobenzene	10.563	180	251950	45.452	ng	100
31) Naphthalene	10.751	128	632918	43.713	ng	100
32) Benzoic acid	9.993	122	50780	17.427	ng	94
33) 4-Chloroaniline	10.875	127	30371	5.672	ng	98
34) Hexachlorobutadiene	11.016	225	183583	44.692	ng	98
35) Caprolactam	11.681	113	63981	49.991	ng	97
36) 4-Chloro-3-methylphenol	11.998	107	251674	51.054	ng	100
37) 2-Methylnaphthalene	12.357	142	461582	46.066	ng	98
38) 1-Methylnaphthalene	12.581	142	435222	44.199	ng	99
40) 1,2,4,5-Tetrachloroben...	12.722	216	330508	46.687	ng	99
41) Hexachlorocyclopentadiene	12.687	237	322315	100.785	ng	96
43) 2,4,6-Trichlorophenol	12.969	196	213549	49.817	ng	97

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44) 2,4,5-Trichlorophenol	13.045	196	233870	49.685	ng	98
46) 1,1'-Biphenyl	13.369	154	639538	43.653	ng	99
47) 2-Chloronaphthalene	13.410	162	512064	42.578	ng	98
48) 2-Nitroaniline	13.628	65	168322	50.053	ng	99
49) Acenaphthylene	14.257	152	824659	48.875	ng	100
50) Dimethylphthalate	14.004	163	707191	50.326	ng	98
51) 2,6-Dinitrotoluene	14.134	165	152125	49.274	ng	95
52) Acenaphthene	14.598	154	470247	44.905	ng	99
53) 3-Nitroaniline	14.457	138	83241	29.338	ng	96
54) 2,4-Dinitrophenol	14.669	184	46200	28.821	ng	99
55) Dibenzofuran	14.933	168	808676	47.413	ng	99
56) 4-Nitrophenol	14.775	139	222908	95.852	ng	95
57) 2,4-Dinitrotoluene	14.922	165	217255	53.699	ng	96
58) Fluorene	15.586	166	669944	49.316	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.163	232	237015	59.863	ng	95
60) Diethylphthalate	15.369	149	701966	50.223	ng	99
61) 4-Chlorophenyl-phenyle...	15.586	204	380443	49.827	ng	94
62) 4-Nitroaniline	15.622	138	149041	50.115	ng	99
63) Azobenzene	15.881	77	636502	47.093	ng	96
65) 4,6-Dinitro-2-methylph...	15.681	198	55254	23.192	ng	96
66) n-Nitrosodiphenylamine	15.804	169	591066	47.234	ng	100
67) 4-Bromophenyl-phenylether	16.480	248	257962	49.386	ng	97
68) Hexachlorobenzene	16.586	284	306870	50.309	ng	95
69) Atrazine	16.769	200	253472	61.042	ng	97
70) Pentachlorophenol	16.939	266	336767	88.657	ng	99
71) Phenanthrene	17.333	178	1105115	50.258	ng	99
72) Anthracene	17.427	178	1124104	51.247	ng	100
73) Carbazole	17.704	167	1006026	50.486	ng	99
74) Di-n-butylphthalate	18.257	149	1226722	50.914	ng	99
75) Fluoranthene	19.304	202	1446557	53.852	ng	99
77) Benzidine	19.492	184	324146	34.572	ng	99
78) Pyrene	19.657	202	1519977	48.023	ng	99
80) Butylbenzylphthalate	20.539	149	575310	48.673	ng	99
81) Benzo(a)anthracene	21.368	228	1597667	50.609	ng	100
82) 3,3'-Dichlorobenzidine	21.304	252	416400	36.197	ng	98
83) Chrysene	21.427	228	1502652	50.135	ng	100
84) Bis(2-ethylhexyl)phtha...	21.304	149	819922	45.554	ng	100
85) Di-n-octyl phthalate	22.245	149	1422149	44.909	ng	99
87) Indeno(1,2,3-cd)pyrene	26.333	276	1924932	49.236	ng	98
88) Benzo(b)fluoranthene	23.068	252	1627194	50.549	ng	99
89) Benzo(k)fluoranthene	23.115	252	1543154	50.185	ng	98
90) Benzo(a)pyrene	23.698	252	1467848	51.248	ng	99
91) Dibenzo(a,h)anthracene	26.362	278	1594195	49.579	ng	97
92) Benzo(g,h,i)perylene	27.115	276	1513690	46.402	ng	97

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

