

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022724\
 Data File : BP019901.D
 Acq On : 27 Feb 2024 17:42
 Operator : MA/JU
 Sample : P1523-05MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 20240765-COMPOSITE-39N-N-3-03MSD

Quant Time: Feb 28 00:57:38 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 02/28/2024
 Supervised By :mohammad ahmed 02/29/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	122666	20.000	ng	0.00
21) Naphthalene-d8	10.699	136	433240	20.000	ng	0.00
39) Acenaphthene-d10	14.539	164	301768	20.000	ng	0.00
64) Phenanthrene-d10	17.298	188	660003	20.000	ng	0.00
76) Chrysene-d12	21.398	240	479518	20.000	ng	-0.01
86) Perylene-d12	23.821	264	445297	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	830933	111.186	ng	0.00
7) Phenol-d6	7.075	99	1135468	102.048	ng	0.00
23) Nitrobenzene-d5	9.069	82	702815	65.492	ng	0.00
42) 2,4,6-Tribromophenol	16.039	330	482605	93.270	ng	0.00
45) 2-Fluorobiphenyl	13.163	172	1319608	59.083	ng	0.00
79) Terphenyl-d14	19.869	244	1791938	58.900	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.375	88	102130	39.511	ng	98
3) Pyridine	3.775	79	286189	36.199	ng	99
4) n-Nitrosodimethylamine	3.693	42	151529	46.510	ng	94
6) Aniline	7.234	93	345318	25.299	ng	98
8) 2-Chlorophenol	7.457	128	375409	46.583	ng	98
9) Benzaldehyde	7.046	77	71747m	11.297	ng	
10) Phenol	7.099	94	523577	47.190	ng	97
11) bis(2-Chloroethyl)ether	7.334	93	368518	42.172	ng	99
12) 1,3-Dichlorobenzene	7.781	146	389170	44.479	ng	100
13) 1,4-Dichlorobenzene	7.934	146	396865	44.792	ng	98
14) 1,2-Dichlorobenzene	8.246	146	379897	42.742	ng	98
15) Benzyl Alcohol	8.152	79	405042m	41.263	ng	
16) 2,2'-oxybis(1-Chloropr...	8.422	45	378878m	40.609	ng	
17) 2-Methylphenol	8.352	107	317967	38.320	ng	99
18) Hexachloroethane	8.963	117	144960	42.221	ng	99
19) n-Nitroso-di-n-propyla...	8.722	70	311521	37.061	ng	99
20) 3+4-Methylphenols	8.681	107	447172	37.505	ng	100
22) Acetophenone	8.734	105	583193	43.342	ng	# 98
24) Nitrobenzene	9.116	77	456127	43.904	ng	99
25) Isophorone	9.640	82	762928	40.845	ng	100
26) 2-Nitrophenol	9.822	139	187883	45.196	ng	100
27) 2,4-Dimethylphenol	9.881	122	195295	28.458	ng	99
28) bis(2-Chloroethoxy)met...	10.128	93	439350	42.148	ng	99
29) 2,4-Dichlorophenol	10.351	162	354899	46.363	ng	98
30) 1,2,4-Trichlorobenzene	10.557	180	376361	44.754	ng	99
31) Naphthalene	10.751	128	999127	43.072	ng	100
32) Benzoic acid	10.063	122	251864	43.318	ng	99
33) 4-Chloroaniline	10.881	127	205186	19.470	ng	99
34) Hexachlorobutadiene	11.016	225	268958	43.980	ng	100
35) Caprolactam	11.698	113	107889m	38.219	ng	
36) 4-Chloro-3-methylphenol	12.004	107	400079	42.369	ng	98
37) 2-Methylnaphthalene	12.363	142	715362	39.727	ng	99
38) 1-Methylnaphthalene	12.581	142	680814	39.957	ng	99
40) 1,2,4,5-Tetrachloroben...	12.728	216	488433	47.383	ng	99
41) Hexachlorocyclopentadiene	12.693	237	460538	86.284	ng	98
43) 2,4,6-Trichlorophenol	12.975	196	318215	46.755	ng	100

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44) 2,4,5-Trichlorophenol	13.051	196	346374	42.723	ng	97
46) 1,1'-Biphenyl	13.375	154	986954	45.678	ng	99
47) 2-Chloronaphthalene	13.416	162	785109	46.814	ng	99
48) 2-Nitroaniline	13.634	65	269956	44.537	ng	98
49) Acenaphthylene	14.263	152	1255585	46.211	ng	100
50) Dimethylphthalate	14.016	163	1014249	41.172	ng	100
51) 2,6-Dinitrotoluene	14.140	165	223471	42.150	ng	96
52) Acenaphthene	14.604	154	714138	43.773	ng	99
53) 3-Nitroaniline	14.469	138	170281	32.446	ng	93
54) 2,4-Dinitrophenol	14.681	184	306780	88.766	ng	95
55) Dibenzofuran	14.945	168	1222665	43.913	ng	100
56) 4-Nitrophenol	14.787	139	369576	90.021	ng	98
57) 2,4-Dinitrotoluene	14.928	165	316365	41.927	ng	96
58) Fluorene	15.592	166	977327	43.280	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.169	232	321837	43.267	ng	100
60) Diethylphthalate	15.381	149	1007584	41.401	ng	100
61) 4-Chlorophenyl-phenyle...	15.592	204	549260	42.531	ng	99
62) 4-Nitroaniline	15.639	138	201888m	36.933	ng	
63) Azobenzene	15.886	77	1003565	44.295	ng	99
65) 4,6-Dinitro-2-methylph...	15.692	198	197770	44.148	ng	97
66) n-Nitrosodiphenylamine	15.810	169	836849	44.188	ng	100
67) 4-Bromophenyl-phenylether	16.492	248	358620	43.944	ng	99
68) Hexachlorobenzene	16.592	284	407567	46.309	ng	98
69) Atrazine	16.781	200	334180	42.173	ng	100
70) Pentachlorophenol	16.945	266	492508	75.709	ng	98
71) Phenanthrene	17.345	178	1543840	43.823	ng	99
72) Anthracene	17.439	178	1535929	42.709	ng	99
73) Carbazole	17.716	167	1346221	42.266	ng	99
74) Di-n-butylphthalate	18.269	149	1610654	40.433	ng	99
75) Fluoranthene	19.316	202	1761023	38.518	ng	100
77) Benzidine	19.510	184	94173	6.837	ng	99
78) Pyrene	19.669	202	1779318	54.007	ng	100
80) Butylbenzylphthalate	20.557	149	625520	47.479	ng	97
81) Benzo(a)anthracene	21.386	228	1503720	44.178	ng	99
82) 3,3'-Dichlorobenzidine	21.321	252	395403	30.288	ng	98
83) Chrysene	21.439	228	1402408	43.970	ng	100
84) Bis(2-ethylhexyl)phtha...	21.321	149	806959	42.669	ng	100
85) Di-n-octyl phthalate	22.263	149	1166953	37.077	ng	99
87) Indeno(1,2,3-cd)pyrene	26.362	276	1588458	50.670	ng	99
88) Benzo(b)fluoranthene	23.086	252	1281528	46.941	ng	99
89) Benzo(k)fluoranthene	23.133	252	1163370	43.451	ng	100
90) Benzo(a)pyrene	23.715	252	1120798	42.958	ng	100
91) Dibenzo(a,h)anthracene	26.386	278	1298339	49.265	ng	100
92) Benzo(g,h,i)perylene	27.139	276	1303576	51.240	ng	99

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

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