

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013124\
 Data File : BP019493.D
 Acq On : 31 Jan 2024 14:50
 Operator : MA/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/01/2024

Supervised By :Sohil Jodhani 02/02/2024

Quant Time: Feb 01 00:51:10 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 00:40:40 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.917	152	79839	20.000	ng	0.00
21) Naphthalene-d8	10.716	136	292023	20.000	ng	0.00
39) Acenaphthene-d10	14.546	164	180876	20.000	ng	0.00
64) Phenanthrene-d10	17.304	188	405363	20.000	ng	0.00
76) Chrysene-d12	21.392	240	459759	20.000	ng	0.00
86) Perylene-d12	23.810	264	541891	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	52262	10.552	ng	0.00
7) Phenol-d6	7.081	99	66365	9.937	ng	0.00
23) Nitrobenzene-d5	9.081	82	65263	9.684	ng	0.00
42) 2,4,6-Tribromophenol	16.040	330	25400	9.618	ng	0.00
45) 2-Fluorobiphenyl	13.175	172	147576	10.086	ng	0.00
79) Terphenyl-d14	19.869	244	263474	9.424	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.387	88	10412	5.456	ng	98
3) Pyridine	3.793	79	24932	4.819	ng	94
4) n-Nitrosodimethylamine	3.717	42	10299	4.572	ng	# 92
6) Aniline	7.246	93	32173	4.958	ng	99
8) 2-Chlorophenol	7.475	128	25429	5.001	ng	97
9) Benzaldehyde	7.064	77	24402	5.211	ng	96
10) Phenol	7.105	94	33167	4.983	ng	97
11) bis(2-Chloroethyl)ether	7.352	93	26430	5.104	ng	96
12) 1,3-Dichlorobenzene	7.799	146	32568	5.234	ng	98
13) 1,4-Dichlorobenzene	7.952	146	31957	5.069	ng	97
14) 1,2-Dichlorobenzene	8.264	146	31858	5.223	ng	98
15) Benzyl Alcohol	8.158	79	25395	4.759	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.458	45	25908	5.003	ng	94
17) 2-Methylphenol	8.358	107	21695	4.841	ng	92
18) Hexachloroethane	8.987	117	12652	5.178	ng	93
19) n-Nitroso-di-n-propyla...	8.728	70	21793	4.777	ng	97
20) 3+4-Methylphenols	8.687	107	29625	4.844	ng	92
22) Acetophenone	8.746	105	40739	4.897	ng	# 97
24) Nitrobenzene	9.122	77	33190	4.891	ng	96
25) Isophorone	9.646	82	57642	4.911	ng	97
26) 2-Nitrophenol	9.834	139	11275	4.358	ng	92
27) 2,4-Dimethylphenol	9.893	122	15926	4.814	ng	98
28) bis(2-Chloroethoxy)met...	10.140	93	32895	4.954	ng	# 97
29) 2,4-Dichlorophenol	10.363	162	24299	4.859	ng	97
30) 1,2,4-Trichlorobenzene	10.575	180	32454	5.293	ng	100
31) Naphthalene	10.769	128	81469	5.087	ng	99
32) Benzoic acid	9.958	122	13343m	4.148	ng	
33) 4-Chloroaniline	10.887	127	28397	4.794	ng	99
34) Hexachlorobutadiene	11.040	225	23064	5.076	ng	93
35) Caprolactam	11.652	113	6867m	4.834	ng	
36) 4-Chloro-3-methylphenol	11.999	107	26262	4.816	ng	96
37) 2-Methylnaphthalene	12.375	142	55070	4.968	ng	94
38) 1-Methylnaphthalene	12.593	142	55013	5.051	ng	96
40) 1,2,4,5-Tetrachloroben...	12.740	216	35405	5.075	ng	98
41) Hexachlorocyclopentadiene	12.710	237	15047	4.775	ng	92
43) 2,4,6-Trichlorophenol	12.981	196	20333	4.814	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.052	196	21710	4.681	ng	91
46) 1,1'-Biphenyl	13.387	154	72904	5.050	ng	99
47) 2-Chloronaphthalene	13.428	162	60491	5.104	ng	95
48) 2-Nitroaniline	13.634	65	14941	4.509	ng	93
49) Acenaphthylene	14.269	152	83183	5.003	ng	99
50) Dimethylphthalate	14.016	163	71412	5.157	ng	# 95
51) 2,6-Dinitrotoluene	14.134	165	13907	4.571	ng	95
52) Acenaphthene	14.610	154	52034	5.043	ng	98
53) 3-Nitroaniline	14.463	138	12717	4.549	ng	95
55) Dibenzofuran	14.946	168	84759	5.043	ng	98
56) 4-Nitrophenol	14.763	139	10901	4.757	ng	92
57) 2,4-Dinitrotoluene	14.922	165	17078	4.284	ng	87
58) Fluorene	15.598	166	68713	5.133	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.169	232	18958	4.859	ng	97
60) Diethylphthalate	15.381	149	72544	5.267	ng	99
61) 4-Chlorophenyl-phenyle...	15.598	204	38519	5.120	ng	98
62) 4-Nitroaniline	15.616	138	14455	4.933	ng	88
63) Azobenzene	15.893	77	67696	5.083	ng	97
65) 4,6-Dinitro-2-methylph...	15.681	198	9136	3.953	ng	89
66) n-Nitrosodiphenylamine	15.816	169	58198	4.794	ng	100
67) 4-Bromophenyl-phenylether	16.498	248	23973	4.731	ng	92
68) Hexachlorobenzene	16.593	284	29073	4.913	ng	97
69) Atrazine	16.775	200	23228	5.766	ng	93
70) Pentachlorophenol	16.940	266	16246	4.408	ng	98
71) Phenanthrene	17.345	178	106785	5.006	ng	99
72) Anthracene	17.434	178	105765	4.970	ng	99
73) Carbazole	17.710	167	100138	5.180	ng	98
74) Di-n-butylphthalate	18.275	149	125206	5.356	ng	99
75) Fluoranthene	19.310	202	141365	5.425	ng	98
77) Benzidine	19.498	184	44939	4.675	ng	95
78) Pyrene	19.663	202	149687	4.613	ng	98
80) Butylbenzylphthalate	20.557	149	58444	4.823	ng	99
81) Benzo(a)anthracene	21.375	228	162746	5.029	ng	98
82) 3,3'-Dichlorobenzidine	21.316	252	59603	5.054	ng	99
83) Chrysene	21.428	228	153520	4.996	ng	99
84) Bis(2-ethylhexyl)phtha...	21.328	149	98714	5.350	ng	98
85) Di-n-octyl phthalate	22.275	149	170097	5.239	ng	98
87) Indeno(1,2,3-cd)pyrene	26.339	276	200303	4.829	ng	99
88) Benzo(b)fluoranthene	23.075	252	174899	5.121	ng	97
89) Benzo(k)fluoranthene	23.122	252	162075	4.968	ng	95
90) Benzo(a)pyrene	23.704	252	149665	4.925	ng	96
91) Dibenzo(a,h)anthracene	26.368	278	164188	4.813	ng	99
92) Benzo(g,h,i)perylene	27.110	276	165653	4.786	ng	98

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

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