

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122623\
 Data File : BG060166.D
 Acq On : 26 Dec 2023 11:51
 Operator : MA/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/27/2023
 Supervised By :Sohil Jodhani 12/28/2023

Quant Time: Dec 27 00:28:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 27 00:26:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.941	152	190959	20.000	ng	0.00
21) Naphthalene-d8	10.744	136	834439	20.000	ng	0.00
39) Acenaphthene-d10	14.575	164	675883	20.000	ng	0.00
64) Phenanthrene-d10	17.318	188	1793844	20.000	ng	0.00
76) Chrysene-d12	21.584	240	1605488	20.000	ng	0.00
86) Perylene-d12	24.757	264	1764483	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.515	112	118459	9.930	ng	0.00
7) Phenol-d6	7.101	99	173553	9.216	ng	0.00
23) Nitrobenzene-d5	9.099	82	173710	9.840	ng	0.00
42) 2,4,6-Tribromophenol	16.061	330	92493	10.198	ng	0.00
45) 2-Fluorobiphenyl	13.194	172	521517	12.102	ng	0.00
79) Terphenyl-d14	19.939	244	988003	9.435	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.417	88	26604	5.296	ng	92
3) Pyridine	3.817	79	69615m	4.678	ng	
4) n-Nitrosodimethylamine	3.728	42	29997m	5.092	ng	
6) Aniline	7.265	93	92248	4.758	ng	98
8) 2-Chlorophenol	7.500	128	59943	4.747	ng	94
9) Benzaldehyde	7.077	77	63643	5.967	ng	93
10) Phenol	7.130	94	87590	4.518	ng	94
11) bis(2-Chloroethyl)ether	7.359	93	72054	4.700	ng	95
12) 1,3-Dichlorobenzene	7.830	146	74084	5.004	ng	94
13) 1,4-Dichlorobenzene	7.971	146	79415	5.244	ng	95
14) 1,2-Dichlorobenzene	8.294	146	80479	5.282	ng	95
15) Benzyl Alcohol	8.176	79	58377	4.407	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.464	45	113539	5.168	ng	96
17) 2-Methylphenol	8.376	107	61786	4.702	ng	98
18) Hexachloroethane	9.022	117	27709	5.337	ng	92
19) n-Nitroso-di-n-propyla...	8.734	70	69113	4.874	ng	90
20) 3+4-Methylphenols	8.705	107	84119	4.576	ng	95
22) Acetophenone	8.758	105	120861	5.023	ng	# 97
24) Nitrobenzene	9.140	77	91207	4.944	ng	99
25) Isophorone	9.657	82	190033	5.050	ng	97
26) 2-Nitrophenol	9.851	139	33232	4.592	ng	98
27) 2,4-Dimethylphenol	9.909	122	38347	4.231	ng	92
28) bis(2-Chloroethoxy)met...	10.144	93	113803	5.102	ng	97
29) 2,4-Dichlorophenol	10.385	162	66631	4.538	ng	98
30) 1,2,4-Trichlorobenzene	10.603	180	84369	5.040	ng	92
31) Naphthalene	10.797	128	230690	5.345	ng	96
33) 4-Chloroaniline	10.902	127	84278	4.806	ng	# 94
34) Hexachlorobutadiene	11.079	225	53029	5.320	ng	94
35) Caprolactam	11.643	113	27806m	5.261	ng	
36) 4-Chloro-3-methylphenol	12.019	107	77048	4.842	ng	95
37) 2-Methylnaphthalene	12.401	142	172576	5.211	ng	96
38) 1-Methylnaphthalene	12.618	142	173355	5.211	ng	98
40) 1,2,4,5-Tetrachloroben...	12.765	216	106799	5.239	ng	94
41) Hexachlorocyclopentadiene	12.747	237	26675	3.974	ng	96
43) 2,4,6-Trichlorophenol	13.006	196	66513	4.781	ng	91
44) 2,4,5-Trichlorophenol	13.076	196	73915	4.743	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.405	154	260876	5.428	ng	95
47) 2-Chloronaphthalene	13.452	162	217866	5.321	ng	94
48) 2-Nitroaniline	13.652	65	56404	4.618	ng	94
49) Acenaphthylene	14.298	152	322806	5.506	ng	94
50) Dimethylphthalate	14.022	163	285710	5.626	ng	# 96
51) 2,6-Dinitrotoluene	14.146	165	55877	4.844	ng	# 85
52) Acenaphthene	14.639	154	197196m	5.292	ng	
53) 3-Nitroaniline	14.475	138	47374	4.519	ng	83
55) Dibenzofuran	14.974	168	352192	5.775	ng	93
56) 4-Nitrophenol	14.786	139	32836	4.036	ng	94
57) 2,4-Dinitrotoluene	14.933	165	75794	4.778	ng	# 98
58) Fluorene	15.620	166	290376	5.649	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.197	232	64279	4.773	ng	# 95
60) Diethylphthalate	15.385	149	287071	5.660	ng	97
61) 4-Chlorophenyl-phenyle...	15.614	204	147187	5.498	ng	97
62) 4-Nitroaniline	15.644	138	55950	4.850	ng	89
63) Azobenzene	15.908	77	289376	5.616	ng	94
65) 4,6-Dinitro-2-methylph...	15.691	198	35932	3.606	ng	93
66) n-Nitrosodiphenylamine	15.826	169	247119	5.064	ng	97
67) 4-Bromophenyl-phenylether	16.508	248	91145	4.783	ng	93
68) Hexachlorobenzene	16.625	284	117033	5.252	ng	97
69) Atrazine	16.772	200	91768	6.290	ng	97
70) Pentachlorophenol	16.966	266	50259m	4.133	ng	
71) Phenanthrene	17.365	178	503273	5.915	ng	# 91
72) Anthracene	17.454	178	483311m	5.683	ng	
73) Carbazole	17.724	167	461278	5.651	ng	# 97
74) Di-n-butylphthalate	18.282	149	511902	5.946	ng	96
75) Fluoranthene	19.375	202	617175	5.989	ng	85
77) Benzidine	19.563	184	109513	3.903	ng	97
78) Pyrene	19.739	202	625447	6.012	ng	# 84
80) Butylbenzylphthalate	20.626	149	200304	5.049	ng	98
81) Benzo(a)anthracene	21.566	228	578600	5.857	ng	# 90
82) 3,3'-Dichlorobenzidine	21.484	252	178397	5.126	ng	96
83) Chrysene	21.631	228	551525	5.827	ng	# 90
84) Bis(2-ethylhexyl)phtha...	21.472	149	321940	5.427	ng	92
85) Di-n-octyl phthalate	22.665	149	529845	5.457	ng	99
87) Indeno(1,2,3-cd)pyrene	28.352	276	631460	5.051	ng	# 65
88) Benzo(b)fluoranthene	23.746	252	550043	5.250	ng	98
89) Benzo(k)fluoranthene	23.811	252	570679	5.506	ng	98
90) Benzo(a)pyrene	24.604	252	495069	5.196	ng	98
91) Dibenzo(a,h)anthracene	28.423	278	523037	5.118	ng	96
92) Benzo(g,h,i)perylene	29.481	276	529800	5.104	ng	94

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

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