

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020624\
 Data File : BG060558.D
 Acq On : 6 Feb 2024 15:56
 Operator : MA/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2024
 Supervised By :mohammad ahmed 02/08/2024

Quant Time: Feb 07 01:19:49 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020624.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Feb 07 01:12:45 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.352	152	51777	20.000	ng	0.00
21) Naphthalene-d8	11.202	136	215759	20.000	ng	# 0.00
39) Acenaphthene-d10	14.986	164	137522	20.000	ng	0.00
64) Phenanthrene-d10	17.736	188	296306	20.000	ng	0.00
76) Chrysene-d12	22.083	240	280183	20.000	ng	0.00
86) Perylene-d12	25.691	264	314196	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.838	112	323225	94.273	ng	0.00
7) Phenol-d6	7.459	99	435923	94.556	ng	0.00
23) Nitrobenzene-d5	9.551	82	404860	105.549	ng	0.00
42) 2,4,6-Tribromophenol	16.466	330	164932	102.317	ng	0.00
45) 2-Fluorobiphenyl	13.611	172	995748	97.246	ng	0.00
79) Terphenyl-d14	20.327	244	1563098	95.377	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.687	88	70649	53.767	ng	96
3) Pyridine	4.104	79	194652	55.828	ng	97
4) n-Nitrosodimethylamine	4.028	42	117074	54.392	ng	# 96
6) Aniline	7.677	93	211579	48.909	ng	98
8) 2-Chlorophenol	7.900	128	171047	47.789	ng	96
9) Benzaldehyde	7.495	77	125823	44.456	ng	98
10) Phenol	7.489	94	220844	47.261	ng	98
11) bis(2-Chloroethyl)ether	7.765	93	176606	47.330	ng	99
12) 1,3-Dichlorobenzene	8.229	146	209339	49.147	ng	99
13) 1,4-Dichlorobenzene	8.388	146	214883	49.461	ng	97
14) 1,2-Dichlorobenzene	8.705	146	207717	49.506	ng	98
15) Benzyl Alcohol	8.587	79	164382	49.486	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.875	45	433066	49.967	ng	99
17) 2-Methylphenol	8.770	107	155447	48.694	ng	98
18) Hexachloroethane	9.439	117	74612	49.058	ng	96
19) n-Nitroso-di-n-propyla...	9.163	70	152695	49.121	ng	99
20) 3+4-Methylphenols	9.099	107	213748	49.847	ng	98
22) Acetophenone	9.199	105	289989	48.862	ng	# 99
24) Nitrobenzene	9.592	77	215507	54.430	ng	97
25) Isophorone	10.103	82	417462	50.099	ng	99
26) 2-Nitrophenol	10.303	139	71688	50.464	ng	96
27) 2,4-Dimethylphenol	10.321	122	136931	49.605	ng	97
28) bis(2-Chloroethoxy)met...	10.591	93	244378	49.182	ng	98
29) 2,4-Dichlorophenol	10.820	162	167443	50.459	ng	96
30) 1,2,4-Trichlorobenzene	11.043	180	202452	50.062	ng	100
31) Naphthalene	11.255	128	611012	49.778	ng	99
32) Benzoic acid	10.432	122	93737m	48.048	ng	
33) 4-Chloroaniline	11.361	127	224541	51.132	ng	98
34) Hexachlorobutadiene	11.484	225	137141	49.565	ng	98
35) Caprolactam	12.160	113	56306	49.874	ng	98
36) 4-Chloro-3-methylphenol	12.430	107	192023	50.069	ng	98
37) 2-Methylnaphthalene	12.830	142	403800	49.267	ng	99
38) 1-Methylnaphthalene	13.047	142	401989	49.747	ng	95
40) 1,2,4,5-Tetrachloroben...	13.170	216	218644	48.872	ng	99
41) Hexachlorocyclopentadiene	13.129	237	82994	53.723	ng	99
43) 2,4,6-Trichlorophenol	13.411	196	135431	50.816	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.476	196	148161	49.381	ng	98
46) 1,1'-Biphenyl	13.823	154	538468	48.638	ng	99
47) 2-Chloronaphthalene	13.875	162	434056	48.358	ng	100
48) 2-Nitroaniline	14.081	65	116804	46.625	ng	97
49) Acenaphthylene	14.716	152	622137	48.599	ng	99
50) Dimethylphthalate	14.434	163	513528	48.377	ng	99
51) 2,6-Dinitrotoluene	14.569	165	96811	47.954	ng	95
52) Acenaphthene	15.050	154	393025	47.509	ng	100
53) 3-Nitroaniline	14.904	138	94757	47.460	ng	89
54) 2,4-Dinitrophenol	15.092	184	31979	49.312	ng	94
55) Dibenzofuran	15.380	168	630274	48.647	ng	99
56) 4-Nitrophenol	15.162	139	86147	48.670	ng	96
57) 2,4-Dinitrotoluene	15.344	165	121237	47.302	ng	97
58) Fluorene	16.032	166	501342	48.445	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.585	232	130649	50.582	ng	99
60) Diethylphthalate	15.779	149	534296	49.194	ng	99
61) 4-Chlorophenyl-phenyle...	16.014	204	255408	48.573	ng	98
62) 4-Nitroaniline	16.067	138	104648	48.146	ng	98
63) Azobenzene	16.314	77	517254	48.885	ng	98
65) 4,6-Dinitro-2-methylph...	16.090	198	49615	49.156	ng	94
66) n-Nitrosodiphenylamine	16.231	169	432201	48.857	ng	99
67) 4-Bromophenyl-phenylether	16.913	248	162743	49.072	ng	97
68) Hexachlorobenzene	17.001	284	185811	49.415	ng	97
69) Atrazine	17.172	200	128175	46.512	ng	98
70) Pentachlorophenol	17.354	266	113794	52.092	ng	95
71) Phenanthrene	17.783	178	784677	48.949	ng	99
72) Anthracene	17.871	178	786887	49.291	ng	100
73) Carbazole	18.147	167	718255	48.673	ng	98
74) Di-n-butylphthalate	18.670	149	905885	49.836	ng	99
75) Fluoranthene	19.774	202	943102	48.590	ng	99
77) Benzidine	19.962	184	268281	65.243	ng	100
78) Pyrene	20.139	202	981042	49.224	ng	99
80) Butylbenzylphthalate	21.020	149	378266	51.664	ng	96
81) Benzo(a)anthracene	22.060	228	973298	48.898	ng	99
82) 3,3'-Dichlorobenzidine	21.972	252	332394	50.547	ng	99
83) Chrysene	22.136	228	931403	48.820	ng	99
84) Bis(2-ethylhexyl)phtha...	21.925	149	566196	50.129	ng	99
85) Di-n-octyl phthalate	23.288	149	964332	50.968	ng	99
87) Indeno(1,2,3-cd)pyrene	29.892	276	1148748m	50.155	ng	
88) Benzo(b)fluoranthene	24.528	252	999616	49.174	ng	98
89) Benzo(k)fluoranthene	24.610	252	978419	50.021	ng	99
90) Benzo(a)pyrene	25.526	252	884425	49.667	ng	100
91) Dibenzo(a,h)anthracene	29.998	278	958163	50.691	ng	98
92) Benzo(g,h,i)perylene	31.220	276	942026	49.818	ng	97

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

