

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG013023\
 Data File : BG056477.D
 Acq On : 30 Jan 2023 19:59
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

Reviewed By :Christian
 Giraldo

01/31/2023

Supervised By :Jagrut
 Upadhyay

01/31/2023

Quant Time: Jan 31 03:05:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 28 00:39:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.277	152	30054	20.000	ng	0.00
21) Naphthalene-d8	11.109	136	118316	20.000	ng	0.00
39) Acenaphthene-d10	14.899	164	99087	20.000	ng	0.00
64) Phenanthrene-d10	17.636	188	259755	20.000	ng	0.00
76) Chrysene-d12	21.926	240	250382	20.000	ng	0.00
86) Perylene-d12	25.345	264	278684	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.797	112	132438	81.064	ng	0.00
7) Phenol-d6	7.419	99	190993	78.901	ng	0.00
23) Nitrobenzene-d5	9.458	82	167203	80.248	ng	0.00
42) 2,4,6-Tribromophenol	16.379	330	105577	80.146	ng	0.00
45) 2-Fluorobiphenyl	13.524	172	568650	79.566	ng	0.00
79) Terphenyl-d14	20.210	244	1128098	79.133	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.600	88	29825	43.842	ng	97
3) Pyridine	4.023	79	83255	41.055	ng	95
4) n-Nitrosodimethylamine	3.929	42	17232	39.959	ng	# 92
6) Aniline	7.589	93	123831	39.072	ng	97
8) 2-Chlorophenol	7.836	128	68371	38.095	ng	98
9) Benzaldehyde	7.407	77	46366	42.904	ng	93
10) Phenol	7.448	94	97515	39.635	ng	97
11) bis(2-Chloroethyl)ether	7.683	93	67549	39.944	ng	96
12) 1,3-Dichlorobenzene	8.165	146	81028	39.212	ng	96
13) 1,4-Dichlorobenzene	8.318	146	81832	39.104	ng	97
14) 1,2-Dichlorobenzene	8.641	146	78811	38.816	ng	98
15) Benzyl Alcohol	8.512	79	66781	40.209	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.806	45	13503	37.685	ng	98
17) 2-Methylphenol	8.718	107	72625	38.801	ng	95
18) Hexachloroethane	9.376	117	25277	39.935	ng	98
19) n-Nitroso-di-n-propyla...	9.082	70	56093	40.210	ng	96
20) 3+4-Methylphenols	9.047	107	103892	39.607	ng	95
22) Acetophenone	9.105	105	123900	39.413	ng	99
24) Nitrobenzene	9.499	77	80570	40.089	ng	99
25) Isophorone	10.016	82	170822	39.740	ng	99
26) 2-Nitrophenol	10.216	139	48549	39.814	ng	98
27) 2,4-Dimethylphenol	10.263	122	81337	39.857	ng	95
28) bis(2-Chloroethoxy)met...	10.492	93	93691	39.455	ng	95
29) 2,4-Dichlorophenol	10.756	162	91592	39.873	ng	99
30) 1,2,4-Trichlorobenzene	10.968	180	101271	39.673	ng	97
31) Naphthalene	11.162	128	246973	39.549	ng	100
32) Benzoic acid	10.398	122	39162m	34.300	ng	
33) 4-Chloroaniline	11.262	127	118699	40.720	ng	99
34) Hexachlorobutadiene	11.438	225	73228	40.868	ng	90
35) Caprolactam	12.037	113	30462	39.320	ng	99
36) 4-Chloro-3-methylphenol	12.366	107	91772	41.369	ng	97
37) 2-Methylnaphthalene	12.748	142	205691	39.953	ng	100
38) 1-Methylnaphthalene	12.966	142	191611	39.851	ng	100
40) 1,2,4,5-Tetrachloroben...	13.107	216	145143	40.095	ng	100
41) Hexachlorocyclopentadiene	13.083	237	63424	36.790	ng	96
43) 2,4,6-Trichlorophenol	13.342	196	94956	40.705	ng	98

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44) 2,4,5-Trichlorophenol	13.418	196	109354	40.038	ng	97
46) 1,1'-Biphenyl	13.735	154	288315	40.116	ng	99
47) 2-Chloronaphthalene	13.788	162	219964	39.156	ng	98
48) 2-Nitroaniline	13.982	65	48679	41.918	ng	96
49) Acenaphthylene	14.622	152	366617	40.112	ng	99
50) Dimethylphthalate	14.340	163	323442	40.348	ng	100
51) 2,6-Dinitrotoluene	14.464	165	71297	40.783	ng	97
52) Acenaphthene	14.963	154	218658	40.343	ng	95
53) 3-Nitroaniline	14.799	138	67294	39.706	ng	99
54) 2,4-Dinitrophenol	15.010	184	43712	39.884	ng	96
55) Dibenzofuran	15.292	168	398110	40.957	ng	100
56) 4-Nitrophenol	15.104	139	47725	41.211	ng	94
57) 2,4-Dinitrotoluene	15.251	165	102344	41.562	ng	# 98
58) Fluorene	15.938	166	315326	40.769	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.515	232	101483	41.789	ng	99
60) Diethylphthalate	15.686	149	305390	40.570	ng	99
61) 4-Chlorophenyl-phenylether	15.921	204	193398	40.978	ng	99
62) 4-Nitroaniline	15.956	138	71146	41.952	ng	96
63) Azobenzene	16.215	77	214090	41.334	ng	98
65) 4,6-Dinitro-2-methylph...	16.015	198	73890	40.461	ng	99
66) n-Nitrosodiphenylamine	16.132	169	291245	39.601	ng	99
67) 4-Bromophenyl-phenylether	16.814	248	132919	39.972	ng	98
68) Hexachlorobenzene	16.943	284	130133	39.956	ng	99
69) Atrazine	17.067	200	119472	42.108	ng	99
70) Pentachlorophenol	17.284	266	72086	36.579	ng	95
71) Phenanthrene	17.678	178	546796	40.220	ng	99
72) Anthracene	17.772	178	565872	40.548	ng	99
73) Carbazole	18.036	167	478656	40.271	ng	99
74) Di-n-butylphthalate	18.559	149	491402	39.374	ng	99
75) Fluoranthene	19.669	202	700661	40.834	ng	100
77) Benzidine	19.840	184	286889	42.341	ng	100
78) Pyrene	20.034	202	703599	39.511	ng	100
80) Butylbenzylphthalate	20.886	149	211004	38.798	ng	98
81) Benzo(a)anthracene	21.902	228	704159	40.227	ng	99
82) 3,3'-Dichlorobenzidine	21.808	252	250864	39.797	ng	98
83) Chrysene	21.978	228	660225	40.147	ng	100
84) Bis(2-ethylhexyl)phtha...	21.761	149	308469	39.561	ng	99
85) Di-n-octyl phthalate	23.036	149	515470	39.697	ng	100
87) Indeno(1,2,3-cd)pyrene	29.288	276	823797	40.382	ng	99
88) Benzo(b)fluoranthene	24.252	252	701144	40.534	ng	100
89) Benzo(k)fluoranthene	24.323	252	705992	40.425	ng	99
90) Benzo(a)pyrene	25.186	252	686041	40.263	ng	98
91) Dibenzo(a,h)anthracene	29.346	278	686383	40.084	ng	99
92) Benzo(g,h,i)perylene	30.527	276	670486	40.580	ng	99

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

