

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111722\
 Data File : BG055671.D
 Acq On : 17 Nov 2022 18:38
 Operator : CG/JU
 Sample : N5513-01MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-D2(7-9)MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 11/18/2022
 Supervised By : Jagrut Upadhyay 11/18/2022

Quant Time: Nov 18 03:16:01 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 17 02:02:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.253	152	44679	20.000	ng	0.00
21) Naphthalene-d8	11.079	136	185238	20.000	ng	0.00
39) Acenaphthene-d10	14.875	164	129377	20.000	ng	0.00
64) Phenanthrene-d10	17.618	188	289432	20.000	ng	0.00
76) Chrysene-d12	21.919	240	280112	20.000	ng	0.00
86) Perylene-d12	25.327	264	304248	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.785	112	326500	132.088	ng	0.00
7) Phenol-d6	7.395	99	416814	126.675	ng	0.00
23) Nitrobenzene-d5	9.422	82	262423	74.878	ng	0.00
42) 2,4,6-Tribromophenol	16.355	330	221656	121.669	ng	0.00
45) 2-Fluorobiphenyl	13.500	172	644646	74.647	ng	0.00
79) Terphenyl-d14	20.204	244	1071289	76.495	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.617	88	40865	38.685	ng	98
3) Pyridine	4.029	79	113974	35.170	ng	96
4) n-Nitrosodimethylamine	3.940	42	72604	42.317	ng	94
6) Aniline	7.566	93	89911	21.755	ng	97
8) 2-Chlorophenol	7.812	128	133859	47.371	ng	99
9) Benzaldehyde	7.378	77	81022	36.257	ng	95
10) Phenol	7.425	94	169152	45.912	ng	99
11) bis(2-Chloroethyl)ether	7.660	93	120335	42.620	ng	99
12) 1,3-Dichlorobenzene	8.141	146	143360	43.151	ng	98
13) 1,4-Dichlorobenzene	8.288	146	143297	42.684	ng	98
14) 1,2-Dichlorobenzene	8.611	146	140415	43.647	ng	97
15) Benzyl Alcohol	8.482	79	123429m	46.156	ng	
16) 2,2'-oxybis(1-Chloropr...	8.776	45	213342	41.740	ng	99
17) 2-Methylphenol	8.688	107	118641	45.358	ng	99
18) Hexachloroethane	9.346	117	51494	44.565	ng	97
19) n-Nitroso-di-n-propyla...	9.058	70	102247	40.443	ng	97
20) 3+4-Methylphenols	9.011	107	159677	43.700	ng	99
22) Acetophenone	9.076	105	200933	41.744	ng	# 98
24) Nitrobenzene	9.469	77	152069	41.541	ng	100
25) Isophorone	9.986	82	283858	42.747	ng	99
26) 2-Nitrophenol	10.180	139	76798	45.445	ng	95
27) 2,4-Dimethylphenol	10.227	122	131718m	51.213	ng	
28) bis(2-Chloroethoxy)met...	10.468	93	162332	45.536	ng	99
29) 2,4-Dichlorophenol	10.721	162	138771	45.079	ng	100
30) 1,2,4-Trichlorobenzene	10.938	180	149857	41.901	ng	98
31) Naphthalene	11.132	128	410923	41.036	ng	99
32) Benzoic acid	10.368	122	100295	47.397	ng	96
33) 4-Chloroaniline	11.232	127	80865	19.576	ng	98
34) Hexachlorobutadiene	11.408	225	99530	40.756	ng	97
35) Caprolactam	12.013	113	46682m	43.821	ng	
36) 4-Chloro-3-methylphenol	12.336	107	150213	44.396	ng	100
37) 2-Methylnaphthalene	12.718	142	306411	40.867	ng	100
38) 1-Methylnaphthalene	12.936	142	286646	39.382	ng	99
40) 1,2,4,5-Tetrachloroben...	13.083	216	179103	44.052	ng	99
41) Hexachlorocyclopentadiene	13.059	237	166288	81.150	ng	98
43) 2,4,6-Trichlorophenol	13.312	196	124070	44.736	ng	97

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44) 2,4,5-Trichlorophenol	13.388	196	133777	43.893	ng	96
46) 1,1'-Biphenyl	13.711	154	410923	43.586	ng	98
47) 2-Chloronaphthalene	13.758	162	313925	42.839	ng	98
48) 2-Nitroaniline	13.952	65	104154	43.231	ng	98
49) Acenaphthylene	14.598	152	509889	42.254	ng	100
50) Dimethylphthalate	14.316	163	411289	39.879	ng	99
51) 2,6-Dinitrotoluene	14.440	165	89889	42.626	ng	98
52) Acenaphthene	14.939	154	382985m	48.561	ng	
53) 3-Nitroaniline	14.769	138	60967	26.336	ng	97
54) 2,4-Dinitrophenol	14.975	184	117353	96.789	ng	99
55) Dibenzofuran	15.268	168	511831	42.069	ng	99
56) 4-Nitrophenol	15.069	139	158809	87.408	ng	97
57) 2,4-Dinitrotoluene	15.221	165	129536	43.568	ng	97
58) Fluorene	15.920	166	403256	41.498	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.492	232	124072	42.013	ng	98
60) Diethylphthalate	15.674	149	413386	39.645	ng	99
61) 4-Chlorophenyl-phenylether	15.903	204	223238	41.792	ng	99
62) 4-Nitroaniline	15.932	138	94591	39.089	ng	98
63) Azobenzene	16.197	77	364186	40.006	ng	99
65) 4,6-Dinitro-2-methylph...	15.985	198	77997	48.261	ng	98
66) n-Nitrosodiphenylamine	16.114	169	353565	44.326	ng	98
67) 4-Bromophenyl-phenylether	16.796	248	144814	43.913	ng	99
68) Hexachlorobenzene	16.919	284	160644	43.932	ng	99
69) Atrazine	17.054	200	144673	45.860	ng	99
70) Pentachlorophenol	17.260	266	204786	91.549	ng	99
71) Phenanthrene	17.660	178	768998	49.235	ng	100
72) Anthracene	17.748	178	671542	44.251	ng	99
73) Carbazole	18.012	167	596347	43.711	ng	100
74) Di-n-butylphthalate	18.553	149	690407	40.755	ng	99
75) Fluoranthene	19.657	202	909491	47.864	ng	99
77) Benzidine	19.822	184	170929	26.377	ng	99
78) Pyrene	20.016	202	904625	47.712	ng	99
80) Butylbenzylphthalate	20.885	149	315067	42.447	ng	99
81) Benzo(a)anthracene	21.896	228	864648	44.817	ng	100
82) 3,3'-Dichlorobenzidine	21.796	252	181119	26.717	ng	100
83) Chrysene	21.966	228	804455	43.799	ng	99
84) Bis(2-ethylhexyl)phtha...	21.772	149	459832	43.107	ng	100
85) Di-n-octyl phthalate	23.047	149	777656	42.599	ng	100
87) Indeno(1,2,3-cd)pyrene	29.264	276	1005960	40.360	ng	99
88) Benzo(b)fluoranthene	24.240	252	917833	46.322	ng	99
89) Benzo(k)fluoranthene	24.311	252	850739	43.073	ng	99
90) Benzo(a)pyrene	25.168	252	798987	46.990	ng	99
91) Dibenzo(a,h)anthracene	29.328	278	819649	40.242	ng	99
92) Benzo(g,h,i)perylene	30.503	276	850437	41.427	ng	98

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

