

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083024\
 Data File : BG062610.D
 Acq On : 30 Aug 2024 9:26
 Operator : MA/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/02/2024

Supervised By :mohammad ahmed 09/02/2024

Quant Time: Aug 30 16:45:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG083024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 30 13:01:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.923	152	55874	20.000	ng	0.00
21) Naphthalene-d8	10.714	136	255404	20.000	ng	0.00
39) Acenaphthene-d10	14.544	164	221183	20.000	ng	0.00
64) Phenanthrene-d10	17.288	188	572647	20.000	ng	0.00
76) Chrysene-d12	21.530	240	549868	20.000	ng	0.00
86) Perylene-d12	24.603	264	625720	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.502	112	137901	42.662	ng	0.00
7) Phenol-d6	7.088	99	190859	40.872	ng	0.00
23) Nitrobenzene-d5	9.074	82	195360	41.195	ng	0.00
42) 2,4,6-Tribromophenol	16.031	330	127162	40.852	ng	0.00
45) 2-Fluorobiphenyl	13.170	172	558615	40.909	ng	0.00
79) Terphenyl-d14	19.903	244	1182356	42.636	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.410	88	29615	22.311	ng	96
3) Pyridine	3.804	79	80277	20.691	ng	97
4) n-Nitrosodimethylamine	3.716	42	39357	20.865	ng	# 87
6) Aniline	7.247	93	91423	20.955	ng	95
8) 2-Chlorophenol	7.488	128	70621	20.350	ng	98
9) Benzaldehyde	7.059	77	62223	22.783	ng	97
10) Phenol	7.112	94	95604	20.223	ng	97
11) bis(2-Chloroethyl)ether	7.341	93	73967	20.436	ng	97
12) 1,3-Dichlorobenzene	7.811	146	77754	20.417	ng	98
13) 1,4-Dichlorobenzene	7.958	146	79879	20.381	ng	98
14) 1,2-Dichlorobenzene	8.275	146	79037	20.516	ng	99
15) Benzyl Alcohol	8.152	79	69795	20.200	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.452	45	143894	20.916	ng	98
17) 2-Methylphenol	8.363	107	68152	20.682	ng	95
18) Hexachloroethane	9.004	117	30873	21.008	ng	98
19) n-Nitroso-di-n-propyla...	8.722	70	79970	21.733	ng	98
20) 3+4-Methylphenols	8.687	107	101072	20.790	ng	99
22) Acetophenone	8.734	105	144453	20.965	ng	98
24) Nitrobenzene	9.116	77	104108	20.647	ng	99
25) Isophorone	9.638	82	222594	21.383	ng	98
26) 2-Nitrophenol	9.826	139	39113	20.529	ng	92
27) 2,4-Dimethylphenol	9.885	122	57901	20.741	ng	97
28) bis(2-Chloroethoxy)met...	10.120	93	114370	20.523	ng	98
29) 2,4-Dichlorophenol	10.361	162	79091	20.263	ng	97
30) 1,2,4-Trichlorobenzene	10.579	180	94769	20.482	ng	99
31) Naphthalene	10.761	128	266872	21.081	ng	98
32) Benzoic acid	9.991	122	62555m	21.218	ng	
33) 4-Chloroaniline	10.866	127	102501	20.575	ng	98
34) Hexachlorobutadiene	11.054	225	65887	20.388	ng	95
35) Caprolactam	11.624	113	32759	21.782	ng	95
36) 4-Chloro-3-methylphenol	11.995	107	99376	21.107	ng	99
37) 2-Methylnaphthalene	12.371	142	204271	20.804	ng	96
38) 1-Methylnaphthalene	12.588	142	209690	21.269	ng	99
40) 1,2,4,5-Tetrachloroben...	12.741	216	133171	20.021	ng	99
41) Hexachlorocyclopentadiene	12.723	237	34632	18.248	ng	99
43) 2,4,6-Trichlorophenol	12.976	196	83762	19.864	ng	97

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44) 2,4,5-Trichlorophenol	13.052	196	96449	20.197	ng	98
46) 1,1'-Biphenyl	13.381	154	299829	20.319	ng	99
47) 2-Chloronaphthalene	13.422	162	244353	20.432	ng	97
48) 2-Nitroaniline	13.622	65	60703	19.299	ng	97
49) Acenaphthylene	14.268	152	359687	20.310	ng	98
50) Dimethylphthalate	13.998	163	335920	20.770	ng	99
51) 2,6-Dinitrotoluene	14.116	165	60668	19.831	ng	99
52) Acenaphthene	14.609	154	226963	20.501	ng	96
53) 3-Nitroaniline	14.445	138	59494	20.099	ng	87
54) 2,4-Dinitrophenol	14.650	184	32365	18.852	ng	96
55) Dibenzofuran	14.944	168	391364	20.613	ng	96
56) 4-Nitrophenol	14.756	139	50952	20.311	ng	99
57) 2,4-Dinitrotoluene	14.903	165	82248	19.705	ng	98
58) Fluorene	15.590	166	315254	21.157	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.167	232	90817	20.075	ng	99
60) Diethylphthalate	15.361	149	331388	20.673	ng	100
61) 4-Chlorophenyl-phenyle...	15.584	204	177451	20.745	ng	98
62) 4-Nitroaniline	15.602	138	68610	21.021	ng	90
63) Azobenzene	15.878	77	311554	20.698	ng	99
65) 4,6-Dinitro-2-methylph...	15.667	198	48135	18.836	ng	95
66) n-Nitrosodiphenylamine	15.802	169	286177	20.786	ng	98
67) 4-Bromophenyl-phenylether	16.477	248	122042	20.650	ng	99
68) Hexachlorobenzene	16.595	284	143015	20.433	ng	96
69) Atrazine	16.748	200	96080	20.546	ng	98
70) Pentachlorophenol	16.942	266	89060	19.866	ng	98
71) Phenanthrene	17.329	178	559346	20.927	ng	100
72) Anthracene	17.418	178	553346	21.056	ng	98
73) Carbazole	17.688	167	507260	20.997	ng	98
74) Di-n-butylphthalate	18.252	149	571306	20.969	ng	99
75) Fluoranthene	19.339	202	706871	20.910	ng	100
77) Benzidine	19.527	184	197636	19.942	ng	99
78) Pyrene	19.703	202	741248	21.207	ng	99
80) Butylbenzylphthalate	20.596	149	205512	20.017	ng	97
81) Benzo(a)anthracene	21.513	228	711211	20.507	ng	99
82) 3,3'-Dichlorobenzidine	21.430	252	238791	21.136	ng	98
83) Chrysene	21.577	228	692156	20.836	ng	99
84) Bis(2-ethylhexyl)phtha...	21.436	149	316058	20.264	ng	97
85) Di-n-octyl phthalate	22.594	149	549781	20.132	ng	100
87) Indeno(1,2,3-cd)pyrene	28.064	276	810166	20.192	ng	99
88) Benzo(b)fluoranthene	23.634	252	713393	20.642	ng	99
89) Benzo(k)fluoranthene	23.693	252	689521	20.395	ng	99
90) Benzo(a)pyrene	24.456	252	621837	20.366	ng	98
91) Dibenzo(a,h)anthracene	28.123	278	673503	20.377	ng	97
92) Benzo(g,h,i)perylene	29.145	276	678026	20.344	ng	99

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

