

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083024\
 Data File : BG062615.D
 Acq On : 30 Aug 2024 13:54
 Operator : MA/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG083024

Quant Time: Aug 31 02:39:17 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG083024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 31 02:36:01 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/02/2024
 Supervised By :mohammad ahmed 09/02/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.919	152	60477	20.000	ng	0.00
21) Naphthalene-d8	10.716	136	303956	20.000	ng	0.00
39) Acenaphthene-d10	14.547	164	237716	20.000	ng	0.00
64) Phenanthrene-d10	17.291	188	577724	20.000	ng	0.00
76) Chrysene-d12	21.539	240	555167	20.000	ng	0.00
86) Perylene-d12	24.606	264	635460	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	289048	82.615	ng	0.00
7) Phenol-d6	7.085	99	431407	85.352	ng	0.00
23) Nitrobenzene-d5	9.077	82	422853	74.923	ng	0.00
42) 2,4,6-Tribromophenol	16.039	330	270672	80.908	ng	0.00
45) 2-Fluorobiphenyl	13.172	172	1177336	80.223	ng	0.00
79) Terphenyl-d14	19.911	244	2193690	78.350	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.407	88	56866	39.015	ng	99
3) Pyridine	3.800	79	170769m	40.664	ng	
4) n-Nitrosodimethylamine	3.712	42	83074	40.690	ng	99
6) Aniline	7.244	93	197650	41.855	ng	97
8) 2-Chlorophenol	7.484	128	159147	42.368	ng	94
9) Benzaldehyde	7.056	77	125617	42.726	ng	95
10) Phenol	7.114	94	219951	42.986	ng	98
11) bis(2-Chloroethyl)ether	7.343	93	164985	42.114	ng	98
12) 1,3-Dichlorobenzene	7.813	146	170441	41.348	ng	98
13) 1,4-Dichlorobenzene	7.954	146	172042	40.556	ng	98
14) 1,2-Dichlorobenzene	8.272	146	170963	41.000	ng	99
15) Benzyl Alcohol	8.154	79	163046	43.598	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.448	45	296442	39.703	ng	99
17) 2-Methylphenol	8.360	107	154332	43.270	ng	94
18) Hexachloroethane	9.000	117	61874	38.899	ng	91
19) n-Nitroso-di-n-propyla...	8.724	70	160273	40.242	ng	98
20) 3+4-Methylphenols	8.689	107	211642	40.221	ng	97
22) Acetophenone	8.736	105	295833	36.078	ng	98
24) Nitrobenzene	9.118	77	222077	37.008	ng	100
25) Isophorone	9.641	82	459791	37.113	ng	98
26) 2-Nitrophenol	9.829	139	95190	41.982	ng	99
27) 2,4-Dimethylphenol	9.887	122	130950	39.415	ng	98
28) bis(2-Chloroethoxy)met...	10.122	93	262452	39.573	ng	98
29) 2,4-Dichlorophenol	10.363	162	191192	41.159	ng	99
30) 1,2,4-Trichlorobenzene	10.575	180	221185	40.167	ng	99
31) Naphthalene	10.769	128	612917	40.683	ng	99
32) Benzoic acid	10.028	122	153960	43.088	ng	100
33) 4-Chloroaniline	10.869	127	241478	40.729	ng	96
34) Hexachlorobutadiene	11.057	225	157327	40.906	ng	95
35) Caprolactam	11.644	113	69143	38.611	ng	92
36) 4-Chloro-3-methylphenol	11.997	107	212187	37.870	ng	97
37) 2-Methylnaphthalene	12.373	142	445048	38.086	ng	99
38) 1-Methylnaphthalene	12.590	142	444493	37.883	ng	100
40) 1,2,4,5-Tetrachloroben...	12.743	216	290478	40.633	ng	100
41) Hexachlorocyclopentadiene	12.725	237	89450	43.855	ng	98
43) 2,4,6-Trichlorophenol	12.978	196	189559	41.827	ng	98

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44) 2,4,5-Trichlorophenol	13.054	196	213701	41.638	ng	99
46) 1,1'-Biphenyl	13.383	154	640183	40.367	ng	98
47) 2-Chloronaphthalene	13.425	162	514810	40.054	ng	99
48) 2-Nitroaniline	13.624	65	146951	43.470	ng	98
49) Acenaphthylene	14.271	152	761373	40.001	ng	98
50) Dimethylphthalate	14.006	163	685990	39.465	ng	99
51) 2,6-Dinitrotoluene	14.118	165	144812	44.045	ng	98
52) Acenaphthene	14.611	154	475171	39.935	ng	99
53) 3-Nitroaniline	14.447	138	138326	43.480	ng	98
54) 2,4-Dinitrophenol	14.652	184	81837	44.354	ng	99
55) Dibenzofuran	14.946	168	801269	39.267	ng	98
56) 4-Nitrophenol	14.764	139	115001	42.654	ng	96
57) 2,4-Dinitrotoluene	14.911	165	196010	43.694	ng	93
58) Fluorene	15.598	166	630102	39.346	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.175	232	197921	40.708	ng	97
60) Diethylphthalate	15.369	149	668713	38.815	ng	99
61) 4-Chlorophenyl-phenyle...	15.587	204	358528	38.998	ng	100
62) 4-Nitroaniline	15.610	138	144938	41.318	ng	96
63) Azobenzene	15.880	77	620387	38.349	ng	99
65) 4,6-Dinitro-2-methylph...	15.675	198	114905	44.568	ng	97
66) n-Nitrosodiphenylamine	15.804	169	561299	40.411	ng	99
67) 4-Bromophenyl-phenylether	16.480	248	249891	41.910	ng	98
68) Hexachlorobenzene	16.603	284	294661	41.729	ng	94
69) Atrazine	16.750	200	162750	34.497	ng	99
70) Pentachlorophenol	16.944	266	194330	42.968	ng	98
71) Phenanthrene	17.332	178	1093947	40.568	ng	100
72) Anthracene	17.426	178	1087962	41.035	ng	99
73) Carbazole	17.690	167	981398	40.265	ng	99
74) Di-n-butylphthalate	18.260	149	1133481	41.236	ng	100
75) Fluoranthene	19.347	202	1359762	39.870	ng	99
77) Benzidine	19.529	184	515123	51.480	ng	99
78) Pyrene	19.705	202	1416695	40.144	ng	99
80) Butylbenzylphthalate	20.598	149	442501	42.689	ng	96
81) Benzo(a)anthracene	21.521	228	1418231	40.503	ng	100
82) 3,3'-Dichlorobenzidine	21.439	252	474129	41.565	ng	98
83) Chrysene	21.586	228	1352243	40.317	ng	100
84) Bis(2-ethylhexyl)phtha...	21.439	149	666065	42.296	ng	97
85) Di-n-octyl phthalate	22.602	149	1158799	42.027	ng	100
87) Indeno(1,2,3-cd)pyrene	28.084	276	1668976	40.960	ng	99
88) Benzo(b)fluoranthene	23.642	252	1429147	40.718	ng	98
89) Benzo(k)fluoranthene	23.701	252	1402715	40.855	ng	100
90) Benzo(a)pyrene	24.465	252	1251429	40.359	ng	99
91) Dibenzo(a,h)anthracene	28.143	278	1384546	41.248	ng	96
92) Benzo(g,h,i)perylene	29.165	276	1389231	41.044	ng	98

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

