

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032924\
 Data File : BG060702.D
 Acq On : 29 Mar 2024 12:51
 Operator : MA/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC020

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/02/2024
 Supervised By :mohammad ahmed 04/02/2024

Quant Time: Mar 30 03:02:12 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 30 02:56:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.959	152	50433	20.000	ng	0.00
21) Naphthalene-d8	10.762	136	229029	20.000	ng	0.00
39) Acenaphthene-d10	14.587	164	176657	20.000	ng	0.00
64) Phenanthrene-d10	17.337	188	429180	20.000	ng	0.00
76) Chrysene-d12	21.602	240	394154	20.000	ng	0.00
86) Perylene-d12	24.745	264	458587	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.539	112	127985	42.276	ng	0.00
7) Phenol-d6	7.113	99	187527	41.730	ng	0.00
23) Nitrobenzene-d5	9.111	82	151685	37.792	ng	0.00
42) 2,4,6-Tribromophenol	16.073	330	85980	42.875	ng	0.00
45) 2-Fluorobiphenyl	13.218	172	516766	42.932	ng	0.00
79) Terphenyl-d14	19.963	244	1002070	44.766	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.465	88	24995	20.138	ng	93
3) Pyridine	3.852	79	75438	20.149	ng	97
4) n-Nitrosodimethylamine	3.764	42	43602	19.483	ng	99
6) Aniline	7.284	93	122241	21.541	ng	98
8) 2-Chlorophenol	7.524	128	72002	20.979	ng	99
9) Benzaldehyde	7.096	77	56112	22.644	ng	95
10) Phenol	7.137	94	95938	20.919	ng	95
11) bis(2-Chloroethyl)ether	7.383	93	77974	21.058	ng	98
12) 1,3-Dichlorobenzene	7.854	146	72990	20.450	ng	97
13) 1,4-Dichlorobenzene	8.000	146	74828	20.550	ng	98
14) 1,2-Dichlorobenzene	8.312	146	76455	21.425	ng	97
15) Benzyl Alcohol	8.188	79	75632	20.777	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.494	45	175956m	21.050	ng	
17) 2-Methylphenol	8.394	107	73485	21.225	ng	98
18) Hexachloroethane	9.046	117	26858	20.768	ng	96
19) n-Nitroso-di-n-propyla...	8.764	70	73227	21.368	ng	# 96
20) 3+4-Methylphenols	8.717	107	101636	21.438	ng	95
22) Acetophenone	8.776	105	136636	21.636	ng	98
24) Nitrobenzene	9.158	77	79808	19.604	ng	97
25) Isophorone	9.681	82	195398	21.136	ng	98
26) 2-Nitrophenol	9.869	139	25533	19.782	ng	96
27) 2,4-Dimethylphenol	9.928	122	79386	21.377	ng	98
28) bis(2-Chloroethoxy)met...	10.168	93	113700	20.832	ng	99
29) 2,4-Dichlorophenol	10.398	162	71198	20.878	ng	98
30) 1,2,4-Trichlorobenzene	10.621	180	80278	20.790	ng	99
31) Naphthalene	10.809	128	260168	21.000	ng	99
32) Benzoic acid	10.010	122	37357	19.802	ng	94
33) 4-Chloroaniline	10.909	127	120820	20.996	ng	96
34) Hexachlorobutadiene	11.103	225	53695	20.865	ng	92
35) Caprolactam	11.655	113	29075	21.533	ng	# 90
36) 4-Chloro-3-methylphenol	12.025	107	90144	20.693	ng	98
37) 2-Methylnaphthalene	12.419	142	189656	20.822	ng	100
38) 1-Methylnaphthalene	12.636	142	184643	21.459	ng	95
40) 1,2,4,5-Tetrachloroben...	12.783	216	105143	20.703	ng	99
41) Hexachlorocyclopentadiene	12.771	237	52158	20.197	ng	96
43) 2,4,6-Trichlorophenol	13.012	196	67253	20.565	ng	93

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44) 2,4,5-Trichlorophenol	13.083	196	81523	20.889	ng	97
46) 1,1'-Biphenyl	13.429	154	264192	21.173	ng	100
47) 2-Chloronaphthalene	13.465	162	200087	21.105	ng	99
48) 2-Nitroaniline	13.653	65	51018	19.581	ng	98
49) Acenaphthylene	14.311	152	335609	21.069	ng	100
50) Dimethylphthalate	14.046	163	299682	21.462	ng	100
51) 2,6-Dinitrotoluene	14.158	165	44300	19.924	ng	93
52) Acenaphthene	14.651	154	210443	21.041	ng	98
53) 3-Nitroaniline	14.481	138	49929	19.975	ng	# 96
54) 2,4-Dinitrophenol	14.681	184	17458	17.962	ng	98
55) Dibenzofuran	14.986	168	329752	20.902	ng	99
56) 4-Nitrophenol	14.775	139	38548	18.884	ng	93
57) 2,4-Dinitrotoluene	14.939	165	55389	19.627	ng	97
58) Fluorene	15.639	166	268781	21.229	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.210	232	69980	20.585	ng	97
60) Diethylphthalate	15.421	149	298561	21.253	ng	99
61) 4-Chlorophenyl-phenyle...	15.639	204	140924	21.039	ng	98
62) 4-Nitroaniline	15.639	138	52897	20.720	ng	99
63) Azobenzene	15.932	77	294403	21.506	ng	99
65) 4,6-Dinitro-2-methylph...	15.703	198	26947	20.019	ng	94
66) n-Nitrosodiphenylamine	15.844	169	251351	20.494	ng	99
67) 4-Bromophenyl-phenylether	16.532	248	92119	21.150	ng	100
68) Hexachlorobenzene	16.643	284	102750	20.897	ng	98
69) Atrazine	16.802	200	91473	21.328	ng	96
70) Pentachlorophenol	16.978	266	66420	20.703	ng	97
71) Phenanthrene	17.378	178	475780	21.316	ng	99
72) Anthracene	17.472	178	484323	21.366	ng	99
73) Carbazole	17.730	167	428537	21.442	ng	100
74) Di-n-butylphthalate	18.324	149	539756	21.662	ng	99
75) Fluoranthene	19.393	202	573926	21.190	ng	99
77) Benzidine	19.569	184	206837	19.929	ng	100
78) Pyrene	19.751	202	600998	21.802	ng	99
80) Butylbenzylphthalate	20.668	149	212301	21.112	ng	95
81) Benzo(a)anthracene	21.584	228	591047	21.273	ng	100
82) 3,3'-Dichlorobenzidine	21.502	252	201081	21.434	ng	99
83) Chrysene	21.649	228	567532	21.193	ng	98
84) Bis(2-ethylhexyl)phtha...	21.543	149	341494	21.307	ng	99
85) Di-n-octyl phthalate	22.748	149	544793	20.865	ng	100
87) Indeno(1,2,3-cd)pyrene	28.312	276	670954	20.777	ng	98
88) Benzo(b)fluoranthene	23.753	252	549270	20.849	ng	99
89) Benzo(k)fluoranthene	23.823	252	566841	21.109	ng	99
90) Benzo(a)pyrene	24.599	252	530264	20.711	ng	99
91) Dibenzo(a,h)anthracene	28.388	278	566071	20.794	ng	98
92) Benzo(g,h,i)perylene	29.416	276	545758	20.609	ng	99

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

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