

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112723\
 Data File : BG059904.D
 Acq On : 27 Nov 2023 16:14
 Operator : MA/JU
 Sample : 05425-09MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 O-5(5-10)MS

Quant Time: Nov 27 23:12:03 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 27 13:17:45 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/28/2023
 Supervised By :mohammad ahmed 11/28/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.302	152	27150	20.000	ng	0.00
21) Naphthalene-d8	11.152	136	134554	20.000	ng	# 0.00
39) Acenaphthene-d10	14.942	164	92826	20.000	ng	# 0.00
64) Phenanthrene-d10	17.691	188	209353	20.000	ng	0.00
76) Chrysene-d12	22.010	240	169586	20.000	ng	# 0.00
86) Perylene-d12	25.570	264	228661	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.805	112	244091	151.322	ng	0.00
7) Phenol-d6	7.439	99	291333	121.877	ng	0.00
23) Nitrobenzene-d5	9.507	82	267343	75.883	ng	0.00
42) 2,4,6-Tribromophenol	16.428	330	146808	139.389	ng	0.00
45) 2-Fluorobiphenyl	13.561	172	575261	83.417	ng	0.00
79) Terphenyl-d14	20.265	244	895873	77.986	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.626	88	22694	29.954	ng	# 90
3) Pyridine	4.049	79	65576	31.690	ng	91
4) n-Nitrosodimethylamine	3.978	42	53796	48.868	ng	# 65
6) Aniline	7.627	93	61324	19.439	ng	95
8) 2-Chlorophenol	7.856	128	89446	51.114	ng	92
9) Benzaldehyde	7.445	77	16584	10.264	ng	88
10) Phenol	7.468	94	128357	52.101	ng	91
11) bis(2-Chloroethyl)ether	7.721	93	71111	46.368	ng	90
12) 1,3-Dichlorobenzene	8.191	146	97205	50.008	ng	92
13) 1,4-Dichlorobenzene	8.344	146	105836	54.221	ng	98
14) 1,2-Dichlorobenzene	8.661	146	97551	50.303	ng	94
15) Benzyl Alcohol	8.549	79	130836	47.998	ng	# 91
16) 2,2'-oxybis(1-Chloropr...	8.819	45	28142	49.875	ng	# 70
17) 2-Methylphenol	8.737	107	90007	49.601	ng	88
18) Hexachloroethane	9.395	117	44850	54.135	ng	# 80
19) n-Nitroso-di-n-propyla...	9.113	70	78953	41.943	ng	# 91
20) 3+4-Methylphenols	9.072	107	123032	48.839	ng	89
22) Acetophenone	9.154	105	173417	45.523	ng	# 91
24) Nitrobenzene	9.554	77	152017	46.850	ng	98
25) Isophorone	10.059	82	248042	41.937	ng	100
26) 2-Nitrophenol	10.265	139	58045	48.794	ng	# 86
27) 2,4-Dimethylphenol	10.282	122	106631	44.086	ng	94
28) bis(2-Chloroethoxy)met...	10.541	93	102507	46.120	ng	# 96
29) 2,4-Dichlorophenol	10.782	162	104693	50.698	ng	85
30) 1,2,4-Trichlorobenzene	11.005	180	113231	54.255	ng	# 88
31) Naphthalene	11.211	128	334695	49.468	ng	98
32) Benzoic acid	10.418	122	69084	41.969	ng	88
33) 4-Chloroaniline	11.328	127	25382	8.820	ng	# 91
34) Hexachlorobutadiene	11.434	225	72198	50.830	ng	97
35) Caprolactam	12.127	113	32882m	43.569	ng	
36) 4-Chloro-3-methylphenol	12.398	107	134049	48.810	ng	89
37) 2-Methylnaphthalene	12.785	142	258403	45.346	ng	# 82
38) 1-Methylnaphthalene	13.003	142	253196	48.181	ng	98
40) 1,2,4,5-Tetrachloroben...	13.132	216	141707	56.526	ng	96
41) Hexachlorocyclopentadiene	13.079	237	174015	110.660	ng	84
43) 2,4,6-Trichlorophenol	13.379	196	90081	51.673	ng	97

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44) 2,4,5-Trichlorophenol	13.449	196	97931	47.810	ng	# 72
46) 1,1'-Biphenyl	13.778	154	355757	48.827	ng	97
47) 2-Chloronaphthalene	13.831	162	247411	49.419	ng	97
48) 2-Nitroaniline	14.049	65	89273	49.944	ng	92
49) Acenaphthylene	14.671	152	418064	48.974	ng	97
50) Dimethylphthalate	14.384	163	342795	47.653	ng	97
51) 2,6-Dinitrotoluene	14.530	165	67596	49.533	ng	91
52) Acenaphthene	15.006	154	236913	46.147	ng	92
53) 3-Nitroaniline	14.865	138	29386	18.397	ng	# 92
54) 2,4-Dinitrophenol	15.065	184	89172	87.935	ng	# 64
55) Dibenzofuran	15.335	168	418418	49.433	ng	94
56) 4-Nitrophenol	15.153	139	109184	89.342	ng	98
57) 2,4-Dinitrotoluene	15.306	165	110536	52.670	ng	92
58) Fluorene	15.982	166	342148	48.654	ng	# 97
59) 2,3,4,6-Tetrachlorophenol	15.547	232	89238	49.560	ng	99
60) Diethylphthalate	15.723	149	371900	48.205	ng	97
61) 4-Chlorophenyl-phenyle...	15.964	204	186802	51.609	ng	# 94
62) 4-Nitroaniline	16.035	138	58253	36.388	ng	# 82
63) Azobenzene	16.258	77	388666	45.333	ng	99
65) 4,6-Dinitro-2-methylph...	16.052	198	57032	44.577	ng	93
66) n-Nitrosodiphenylamine	16.187	169	306569	50.129	ng	98
67) 4-Bromophenyl-phenylether	16.863	248	118093	52.507	ng	99
68) Hexachlorobenzene	16.957	284	116544	55.520	ng	99
69) Atrazine	17.121	200	124440	63.465	ng	97
70) Pentachlorophenol	17.315	266	142682	89.094	ng	# 90
71) Phenanthrene	17.733	178	538464	50.589	ng	96
72) Anthracene	17.827	178	521687	47.172	ng	96
73) Carbazole	18.103	167	453614	46.950	ng	98
74) Di-n-butylphthalate	18.602	149	551381	47.213	ng	99
75) Fluoranthene	19.724	202	584523	45.792	ng	100
77) Benzidine	19.912	184	194053	50.462	ng	99
78) Pyrene	20.089	202	571154	49.500	ng	100
80) Butylbenzylphthalate	20.946	149	229446	48.495	ng	96
81) Benzo(a)anthracene	21.992	228	553264m	47.681	ng	
82) 3,3'-Dichlorobenzidine	21.898	252	93402	21.606	ng	99
83) Chrysene	22.063	228	483599	45.464	ng	96
84) Bis(2-ethylhexyl)phtha...	21.810	149	298816	45.179	ng	96
85) Di-n-octyl phthalate	23.138	149	523852	41.142	ng	99
87) Indeno(1,2,3-cd)pyrene	29.701	276	809034	46.760	ng	# 98
88) Benzo(b)fluoranthene	24.419	252	655401m	52.295	ng	
89) Benzo(k)fluoranthene	24.495	252	632930	51.083	ng	# 96
90) Benzo(a)pyrene	25.400	252	568957	42.537	ng	98
91) Dibenzo(a,h)anthracene	29.777	278	678634	46.360	ng	# 91
92) Benzo(g,h,i)perylene	31.023	276	632147	45.513	ng	94

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

