

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040324\
 Data File : BG060770.D
 Acq On : 3 Apr 2024 20:15
 Operator : MA/JU
 Sample : P1894-04MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RB40858RTMSD

Manual Integrations
 APPROVED

Reviewed By :Jagrut
 Upadhyay

04/04/2024

Supervised By :mohammad
 ahmed

04/05/2024

Quant Time: Apr 04 01:28:25 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 03:12:26 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.962	152	74528	20.000	ng	0.00
21) Naphthalene-d8	10.759	136	298586	20.000	ng	0.00
39) Acenaphthene-d10	14.590	164	201439	20.000	ng	0.00
64) Phenanthrene-d10	17.345	188	414141	20.000	ng	# 0.00
76) Chrysene-d12	21.611	240	384857	20.000	ng	0.00
86) Perylene-d12	24.760	264	472127	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.542	112	375674	83.973	ng	0.00
7) Phenol-d6	7.122	99	496497	74.765	ng	0.00
23) Nitrobenzene-d5	9.114	82	320260	61.204	ng	0.00
42) 2,4,6-Tribromophenol	16.082	330	215187	94.105	ng	0.00
45) 2-Fluorobiphenyl	13.215	172	705431	51.396	ng	0.00
79) Terphenyl-d14	19.966	244	1053366	48.195	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.462	88	70212	38.279	ng	Qvalue 97
3) Pyridine	3.849	79	196208	35.463	ng	92
4) n-Nitrosodimethylamine	3.767	42	149424	45.182	ng	93
6) Aniline	7.281	93	104674	12.482	ng	98
8) 2-Chlorophenol	7.527	128	207708	40.953	ng	95
9) Benzaldehyde	7.099	77	36351m	9.927	ng	
10) Phenol	7.151	94	268702	39.647	ng	98
11) bis(2-Chloroethyl)ether	7.381	93	199044	36.376	ng	100
12) 1,3-Dichlorobenzene	7.851	146	215450	40.848	ng	99
13) 1,4-Dichlorobenzene	7.997	146	226245	42.045	ng	97
14) 1,2-Dichlorobenzene	8.309	146	223940	42.466	ng	96
15) Benzyl Alcohol	8.191	79	202604	37.664	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.479	45	472047	38.227	ng	100
17) 2-Methylphenol	8.397	107	179109	35.007	ng	98
18) Hexachloroethane	9.043	117	83694	43.793	ng	# 88
19) n-Nitroso-di-n-propyla...	8.767	70	165317	32.644	ng	99
20) 3+4-Methylphenols	8.726	107	252923	36.100	ng	95
22) Acetophenone	8.779	105	322968	39.228	ng	# 99
24) Nitrobenzene	9.155	77	241011	41.761	ng	93
25) Isophorone	9.684	82	439342	36.453	ng	98
26) 2-Nitrophenol	9.866	139	107863	51.987	ng	95
27) 2,4-Dimethylphenol	9.931	122	152538	31.507	ng	96
28) bis(2-Chloroethoxy)met...	10.166	93	254800	35.809	ng	97
29) 2,4-Dichlorophenol	10.401	162	199364	44.843	ng	96
30) 1,2,4-Trichlorobenzene	10.618	180	228743	45.438	ng	97
31) Naphthalene	10.806	128	652920	40.424	ng	98
32) Benzoic acid	10.072	122	157838	48.858	ng	96
33) 4-Chloroaniline	10.912	127	112849	15.043	ng	98
34) Hexachlorobutadiene	11.100	225	160401	47.808	ng	96
35) Caprolactam	11.681	113	63299m	35.949	ng	
36) 4-Chloro-3-methylphenol	12.034	107	223915	39.426	ng	96
37) 2-Methylnaphthalene	12.416	142	443425	37.342	ng	99
38) 1-Methylnaphthalene	12.633	142	416888	37.163	ng	99
40) 1,2,4,5-Tetrachloroben...	12.780	216	278359	48.066	ng	98
41) Hexachlorocyclopentadiene	12.762	237	131836	44.771	ng	98
43) 2,4,6-Trichlorophenol	13.021	196	183497	49.208	ng	98

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44) 2,4,5-Trichlorophenol	13.092	196	196821	44.228	ng	99	04/05/2024
46) 1,1'-Biphenyl	13.426	154	601568	42.279	ng	98	
47) 2-Chloronaphthalene	13.462	162	473119	43.766	ng	98	
48) 2-Nitroaniline	13.661	65	165787	47.408	ng	98	
49) Acenaphthylene	14.314	152	756511	41.649	ng	99	
50) Dimethylphthalate	14.049	163	588730	36.976	ng	99	
51) 2,6-Dinitrotoluene	14.161	165	124308	43.925	ng	93	
52) Acenaphthene	14.654	154	467157	40.963	ng	99	
53) 3-Nitroaniline	14.484	138	93114	30.857	ng	95	
54) 2,4-Dinitrophenol	14.690	184	66582	60.078	ng	# 89	
55) Dibenzofuran	14.989	168	707641	39.338	ng	100	
56) 4-Nitrophenol	14.795	139	220301	94.647	ng	95	
57) 2,4-Dinitrotoluene	14.948	165	172105	46.602	ng	93	
58) Fluorene	15.641	166	556014	38.512	ng	99	
59) 2,3,4,6-Tetrachlorophenol	15.213	232	181247	46.735	ng	# 98	
60) Diethylphthalate	15.418	149	581985	36.332	ng	99	
61) 4-Chlorophenyl-phenyle...	15.641	204	295607	38.702	ng	94	
62) 4-Nitroaniline	15.653	138	117090	40.223	ng	96	
63) Azobenzene	15.929	77	586719	37.588	ng	96	
65) 4,6-Dinitro-2-methylph...	15.712	198	52447	33.224	ng	# 80	
66) n-Nitrosodiphenylamine	15.853	169	539994	45.628	ng	98	
67) 4-Bromophenyl-phenylether	16.535	248	191567	45.579	ng	96	
68) Hexachlorobenzene	16.652	284	215353	45.389	ng	# 94	
69) Atrazine	16.811	200	190753	46.092	ng	96	
70) Pentachlorophenol	16.993	266	515704	166.578	ng	98	
71) Phenanthrene	17.387	178	906586	42.091	ng	97	
72) Anthracene	17.481	178	886276	40.518	ng	98	
73) Carbazole	17.745	167	770809	39.968	ng	96	
74) Di-n-butylphthalate	18.327	149	958612	39.869	ng	99	
75) Fluoranthene	19.402	202	1083436	41.454	ng	96	
78) Pyrene	19.760	202	1123407	41.738	ng	98	
80) Butylbenzylphthalate	20.665	149	441669	44.983	ng	99	
81) Benzo(a)anthracene	21.593	228	1186869	43.750	ng	99	
82) 3,3'-Dichlorobenzidine	21.505	252	222042	24.240	ng	98	
83) Chrysene	21.658	228	1125795	43.055	ng	99	
84) Bis(2-ethylhexyl)phtha...	21.529	149	726015	46.392	ng	98	
85) Di-n-octyl phthalate	22.733	149	1180719	46.312	ng	97	
87) Indeno(1,2,3-cd)pyrene	28.338	276	1238138m	37.240	ng		
88) Benzo(b)fluoranthene	23.767	252	1148251	42.334	ng	100	
89) Benzo(k)fluoranthene	23.832	252	1203802	43.361	ng	99	
90) Benzo(a)pyrene	24.613	252	1089936	41.350	ng	98	
91) Dibenzo(a,h)anthracene	28.409	278	987665m	35.240	ng		
92) Benzo(g,h,i)perylene	29.443	276	817412m	29.982	ng		

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

