

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040124\
 Data File : BG060723.D
 Acq On : 1 Apr 2024 20:15
 Operator : MA/JU
 Sample : P1927-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

72-11991MSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/02/2024

Supervised By :mohammad ahmed 04/02/2024

Quant Time: Apr 02 01:18:30 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	7.953	152	65743	20.000	ng	0.00
21) Naphthalene-d8	10.756	136	311725	20.000	ng	0.00
39) Acenaphthene-d10	14.587	164	247661	20.000	ng	0.00
64) Phenanthrene-d10	17.330	188	552807	20.000	ng	0.00
76) Chrysene-d12	21.596	240	516888	20.000	ng	0.00
86) Perylene-d12	24.734	264	603988	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.538	112	367508	93.124	ng	0.00
7) Phenol-d6	7.113	99	516803	88.222	ng	0.00
23) Nitrobenzene-d5	9.105	82	301690	55.225	ng	0.00
42) 2,4,6-Tribromophenol	16.067	330	263870	93.859	ng	0.00
45) 2-Fluorobiphenyl	13.212	172	862171	51.092	ng	0.00
79) Terphenyl-d14	19.957	244	1574563	53.639	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.458	88	47306	29.237	ng	98
3) Pyridine	3.840	79	134883	27.637	ng	94
4) n-Nitrosodimethylamine	3.758	42	96920	33.222	ng	94
6) Aniline	7.278	93	137953	18.649	ng	98
8) 2-Chlorophenol	7.518	128	185401	41.439	ng	94
9) Benzaldehyde	7.090	77	22768m	7.048	ng	
10) Phenol	7.137	94	257122	43.008	ng	98
11) bis(2-Chloroethyl)ether	7.377	93	167652	34.734	ng	97
12) 1,3-Dichlorobenzene	7.847	146	175971	37.822	ng	98
13) 1,4-Dichlorobenzene	7.994	146	179543	37.824	ng	99
14) 1,2-Dichlorobenzene	8.306	146	181477	39.012	ng	99
15) Benzyl Alcohol	8.188	79	180936	38.131	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.476	45	398549	36.587	ng	99
17) 2-Methylphenol	8.388	107	176176	39.036	ng	99
18) Hexachloroethane	9.040	117	66141	39.233	ng	94
19) n-Nitroso-di-n-propyla...	8.758	70	154690	34.627	ng	# 98
20) 3+4-Methylphenols	8.717	107	239996	38.833	ng	96
22) Acetophenone	8.770	105	295432	34.371	ng	98
24) Nitrobenzene	9.152	77	215844	36.218	ng	95
25) Isophorone	9.675	82	432210	34.350	ng	100
26) 2-Nitrophenol	9.863	139	88302	42.569	ng	98
27) 2,4-Dimethylphenol	9.922	122	158036	31.267	ng	93
28) bis(2-Chloroethoxy)met...	10.162	93	256441	34.521	ng	99
29) 2,4-Dichlorophenol	10.392	162	198617	42.792	ng	99
30) 1,2,4-Trichlorobenzene	10.615	180	202793	38.585	ng	98
31) Naphthalene	10.803	128	617938	36.646	ng	100
32) Benzoic acid	10.051	122	147852	44.540	ng	95
33) 4-Chloroaniline	10.903	127	96932	12.376	ng	95
34) Hexachlorobutadiene	11.097	225	127528	36.408	ng	98
35) Caprolactam	11.667	113	72112m	39.227	ng	
36) 4-Chloro-3-methylphenol	12.025	107	244730	41.275	ng	98
37) 2-Methylnaphthalene	12.413	142	455737	36.761	ng	99
38) 1-Methylnaphthalene	12.630	142	430082	36.723	ng	93
40) 1,2,4,5-Tetrachloroben...	12.777	216	268595	37.724	ng	99
41) Hexachlorocyclopentadiene	12.765	237	245128	67.708	ng	99
43) 2,4,6-Trichlorophenol	13.012	196	192485	41.985	ng	96

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44) 2,4,5-Trichlorophenol	13.083	196	210942	38.555	ng	98
46) 1,1'-Biphenyl	13.423	154	631927	36.124	ng	99
47) 2-Chloronaphthalene	13.459	162	501364	37.723	ng	99
48) 2-Nitroaniline	13.652	65	170171	40.661	ng	97
49) Acenaphthylene	14.305	152	866533	38.802	ng	100
50) Dimethylphthalate	14.046	163	666698	34.058	ng	99
51) 2,6-Dinitrotoluene	14.152	165	130994	38.148	ng	94
52) Acenaphthene	14.645	154	555197	39.597	ng	100
53) 3-Nitroaniline	14.475	138	94523	25.975	ng	92
54) 2,4-Dinitrophenol	14.681	184	129615	95.126	ng	89
55) Dibenzofuran	14.986	168	802913	36.304	ng	100
56) 4-Nitrophenol	14.781	139	250986	87.705	ng	94
57) 2,4-Dinitrotoluene	14.939	165	186310	41.625	ng	96
58) Fluorene	15.632	166	634023	35.719	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.204	232	192088	40.286	ng	99
60) Diethylphthalate	15.415	149	668434	33.941	ng	100
61) 4-Chlorophenyl-phenyle...	15.632	204	329084	35.044	ng	95
62) 4-Nitroaniline	15.644	138	141531	39.545	ng	96
63) Azobenzene	15.926	77	677554	35.306	ng	97
65) 4,6-Dinitro-2-methylph...	15.703	198	91168	41.140	ng	97
66) n-Nitrosodiphenylamine	15.844	169	582139	36.851	ng	99
67) 4-Bromophenyl-phenylether	16.526	248	220837	39.363	ng	98
68) Hexachlorobenzene	16.637	284	247006	39.001	ng	97
69) Atrazine	16.796	200	213231	38.599	ng	99
70) Pentachlorophenol	16.978	266	344476	83.358	ng	98
71) Phenanthrene	17.372	178	1147202	39.902	ng	98
72) Anthracene	17.466	178	1090756	37.357	ng	99
73) Carbazole	17.730	167	987268	38.350	ng	99
74) Di-n-butylphthalate	18.318	149	1173656	36.569	ng	100
75) Fluoranthene	19.387	202	1513751	43.390	ng	98
77) Benzidine	19.563	184	429942	31.588	ng	98
78) Pyrene	19.745	202	1482873	41.020	ng	99
80) Butylbenzylphthalate	20.656	149	530180	40.205	ng	99
81) Benzo(a)anthracene	21.578	228	1439494	39.508	ng	98
82) 3,3'-Dichlorobenzidine	21.490	252	274429	22.307	ng	100
83) Chrysene	21.637	228	1428980	40.691	ng	99
84) Bis(2-ethylhexyl)phtha...	21.526	149	809932	38.534	ng	98
85) Di-n-octyl phthalate	22.730	149	1381349	40.342	ng	100
87) Indeno(1,2,3-cd)pyrene	28.294	276	1752429	41.202	ng	100
88) Benzo(b)fluoranthene	23.741	252	1517223	43.725	ng	98
89) Benzo(k)fluoranthene	23.811	252	1428782	40.230	ng	98
90) Benzo(a)pyrene	24.587	252	1328438	39.395	ng	99
91) Dibenzo(a,h)anthracene	28.365	278	1398480	39.005	ng	98
92) Benzo(g,h,i)perylene	29.405	276	1317433	37.773	ng	99

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

