

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042324\
 Data File : BG061015.D
 Acq On : 23 Apr 2024 20:02
 Operator : MA/JU
 Sample : P2189-04MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SILICAMS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024

Quant Time: Apr 24 00:16:40 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Apr 22 04:22:00 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.944	152	26713	20.000	ng	0.00
21) Naphthalene-d8	10.740	136	103162	20.000	ng	# 0.00
39) Acenaphthene-d10	14.571	164	79476	20.000	ng	0.00
64) Phenanthrene-d10	17.321	188	195482	20.000	ng	# 0.00
76) Chrysene-d12	21.581	240	190340	20.000	ng	0.00
86) Perylene-d12	24.712	264	237129	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.541	112	155981	118.111	ng	0.01
7) Phenol-d6	7.180	99	142147m	72.544	ng	0.07
23) Nitrobenzene-d5	9.101	82	159451	69.444	ng	0.00
42) 2,4,6-Tribromophenol	16.064	330	208387	119.403	ng	0.00
45) 2-Fluorobiphenyl	13.196	172	464660	80.917	ng	0.00
79) Terphenyl-d14	19.941	244	1021671	83.318	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.466	88	14977	32.769	ng	# 24
3) Pyridine	3.860	79	38847	27.497	ng	97
4) n-Nitrosodimethylamine	3.760	42	46636	36.702	ng	# 96
6) Aniline	7.274	93	35299	14.989	ng	97
8) 2-Chlorophenol	7.521	128	67944	41.291	ng	98
9) Benzaldehyde	7.080	77	3945	3.914	ng	# 76
10) Phenol	7.209	94	52656m	27.048	ng	
11) bis(2-Chloroethyl)ether	7.362	93	51853	37.229	ng	92
12) 1,3-Dichlorobenzene	7.838	146	74617	40.891	ng	94
13) 1,4-Dichlorobenzene	7.979	146	75585	40.213	ng	98
14) 1,2-Dichlorobenzene	8.296	146	72264	39.340	ng	97
15) Benzyl Alcohol	8.184	79	69700	37.674	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.461	45	111399	36.741	ng	70
17) 2-Methylphenol	8.449	107	46774m	29.756	ng	
18) Hexachloroethane	9.019	117	27665	40.847	ng	85
19) n-Nitroso-di-n-propyla...	8.743	70	48485	33.203	ng	98
20) 3+4-Methylphenols	8.790	107	71109m	32.346	ng	
22) Acetophenone	8.760	105	106188	36.863	ng	99
24) Nitrobenzene	9.142	77	80886	36.660	ng	96
25) Isophorone	9.665	82	139715	36.359	ng	99
26) 2-Nitrophenol	9.847	139	39962	38.538	ng	97
27) 2,4-Dimethylphenol	9.988	122	50970	30.666	ng	97
28) bis(2-Chloroethoxy)met...	10.147	93	76945	38.065	ng	98
29) 2,4-Dichlorophenol	10.488	162	79133	41.252	ng	99
30) 1,2,4-Trichlorobenzene	10.605	180	90664	42.836	ng	94
31) Naphthalene	10.793	128	220248	38.997	ng	98
32) Benzoic acid	10.165	122	35932m	28.373	ng	
33) 4-Chloroaniline	10.911	127	51367	20.021	ng	97
34) Hexachlorobutadiene	11.075	225	76370	41.029	ng	98
35) Caprolactam	11.692	113	19946	32.644	ng	# 50
36) 4-Chloro-3-methylphenol	12.127	107	93067	41.598	ng	92
37) 2-Methylnaphthalene	12.403	142	164514	37.047	ng	97
38) 1-Methylnaphthalene	12.620	142	154622	37.313	ng	100
40) 1,2,4,5-Tetrachloroben...	12.773	216	134343	47.566	ng	100
41) Hexachlorocyclopentadiene	12.750	237	59250	35.653	ng	99
43) 2,4,6-Trichlorophenol	13.008	196	83601	45.029	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.091	196	94847	43.187	ng	97
46) 1,1'-Biphenyl	13.408	154	239350	44.710	ng	96
47) 2-Chloronaphthalene	13.449	162	188454	45.912	ng	98
48) 2-Nitroaniline	13.649	65	68316	41.239	ng	94
49) Acenaphthylene	14.295	152	295861	42.798	ng	99
50) Dimethylphthalate	14.031	163	269797	41.167	ng	97
51) 2,6-Dinitrotoluene	14.148	165	55943	40.910	ng	95
52) Acenaphthene	14.636	154	172431	41.051	ng	98
53) 3-Nitroaniline	14.471	138	44478	32.986	ng	99
54) 2,4-Dinitrophenol	14.683	184	19436	25.864	ng	94
55) Dibenzofuran	14.971	168	308311	42.506	ng	99
56) 4-Nitrophenol	14.800	139	79475	82.271	ng	99
57) 2,4-Dinitrotoluene	14.935	165	82597	41.939	ng	# 97
58) Fluorene	15.623	166	253822	41.459	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.200	232	95364m	43.023	ng	
60) Diethylphthalate	15.400	149	259080	40.142	ng	99
61) 4-Chlorophenyl-phenyle...	15.617	204	149189	39.512	ng	96
62) 4-Nitroaniline	15.640	138	53620	36.879	ng	92
63) Azobenzene	15.911	77	213791	40.725	ng	96
65) 4,6-Dinitro-2-methylph...	15.699	198	19170	15.882	ng	97
66) n-Nitrosodiphenylamine	15.828	169	233944	43.439	ng	98
67) 4-Bromophenyl-phenylether	16.510	248	112173	43.480	ng	94
68) Hexachlorobenzene	16.628	284	136559	47.921	ng	97
69) Atrazine	16.786	200	101423	50.317	ng	94
70) Pentachlorophenol	16.974	266	151491	81.072	ng	96
71) Phenanthrene	17.362	178	436988	43.795	ng	98
72) Anthracene	17.456	178	432805	42.116	ng	98
73) Carbazole	17.720	167	376631	44.129	ng	99
74) Di-n-butylphthalate	18.290	149	433598	41.845	ng	99
75) Fluoranthene	19.377	202	574322	43.371	ng	97
77) Benzidine	19.554	184	201139	57.032	ng	97
78) Pyrene	19.736	202	580807	44.815	ng	98
80) Butylbenzylphthalate	20.635	149	189374	43.839	ng	98
81) Benzo(a)anthracene	21.563	228	612463	45.768	ng	98
82) 3,3'-Dichlorobenzidine	21.481	252	205099	42.409	ng	# 98
83) Chrysene	21.628	228	581386	45.632	ng	99
84) Bis(2-ethylhexyl)phtha...	21.487	149	269791	42.958	ng	99
85) Di-n-octyl phthalate	22.673	149	462666	44.373	ng	99
87) Indeno(1,2,3-cd)pyrene	28.261	276	746719	45.394	ng	# 96
88) Benzo(b)fluoranthene	23.725	252	615214	45.782	ng	99
89) Benzo(k)fluoranthene	23.790	252	625647	46.121	ng	97
90) Benzo(a)pyrene	24.565	252	559754	43.035	ng	# 99
91) Dibenzo(a,h)anthracene	28.331	278	617073	45.914	ng	95
92) Benzo(g,h,i)perylene	29.371	276	526759	39.529	ng	# 98

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

