

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092324\
 Data File : BG063006.D
 Acq On : 23 Sep 2024 23:46
 Operator : RC/JU
 Sample : P3879-06MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DDC59MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/25/2024
 Supervised By :mohammad ahmed 09/26/2024

Quant Time: Sep 24 01:33:31 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 18 00:45:18 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.856	152	28726	20.000	ng/u1	0.00
20) Naphthalene-d8	10.653	136	112372	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.501	164	96296	20.000	ng/u1	0.01
64) Phenanthrene-d10	17.263	188	216964	20.000	ng/u1	# 0.03
79) Chrysene-d12	21.493	240	236213	20.000	ng/u1	# 0.00
88) Perylene-d12	24.531	264	263562	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.332	96	4335	4.420	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.133	99	57348m	19.239	ng/u1	0.10
9) Bis-(2-Chloroethyl)eth...	7.192	67	51711	31.000	ng/u1	0.00
11) 2-Chlorophenol-d4	7.433	132	68687	35.098	ng/u1	0.04
15) 4-Methylphenol-d8	8.626	113	75533m	34.591	ng/u1	0.06
21) Nitrobenzene-d5	9.020	128	37164	41.513	ng/u1	0.01
24) 2-Nitrophenol-d4	9.742	143	39173	38.570	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.312	165	92676	43.981	ng/u1	0.04
31) 4-Chloroaniline-d4	10.770	131	10716	4.086	ng/u1	0.00
46) Dimethylphthalate-d6	13.920	166	259277	36.207	ng/u1	0.03
49) Acenaphthylene-d8	14.196	160	267112	33.398	ng/u1	0.01
54) 4-Nitrophenol-d4	14.754	143	21494m	18.731	ng/u1	0.06
60) Fluorene-d10	15.494	176	162232	24.331	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.618	200	79073m	60.290	ng/u1	0.01
73) Anthracene-d10	17.357	188	375252	36.596	ng/u1	0.02
81) Pyrene-d10	19.636	212	494230	34.545	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.325	264	536658	38.609	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.356	88	6044	6.227	ng/uL#	64
6) Benzaldehyde	7.004	77	52867	32.406	ng/u1#	1
8) Phenol	7.163	94	63576m	20.446	ng/u1	
10) Bis(2-Chloroethyl)ether	7.292	93	63611	30.257	ng/u1	99
12) 2-Chlorophenol	7.463	128	79337	39.495	ng/u1#	89
13) 2-Methylphenol	8.356	108	77386	35.980	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.397	45	79624	30.525	ng/u1	95
16) Acetophenone	8.691	105	219843	64.006	ng/u1#	77
17) N-Nitroso-di-n-propyla...	8.673	70	67252	33.531	ng/u1#	64
18) 4-Methylphenol	8.685	108	79830	33.914	ng/u1	93
19) Hexachloroethane	8.943	117	50130m	58.742	ng/u1	
22) Nitrobenzene	9.067	77	121004	45.528	ng/u1#	96
23) Isophorone	9.601	82	913746	172.637	ng/u1#	96
25) 2-Nitrophenol	9.777	139	43461	38.969	ng/u1#	55
26) 2,4-Dimethylphenol	9.871	107	107466	43.008	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.071	93	109346	38.861	ng/u1#	87
29) 2,4-Dichlorophenol	10.336	162	134797	64.620	ng/u1	97
30) Naphthalene	10.706	128	472142	75.671	ng/u1#	96
33) Hexachlorobutadiene	10.994	225	74619	44.755	ng/u1	92
35) 4-Chloro-3-methylphenol	12.004	107	132997	55.474	ng/u1	88
36) 2-Methylnaphthalene	12.316	142	353559	78.634	ng/u1	99
37) 1-Methylnaphthalene	12.539	142	297636	65.409	ng/u1	98
39) 1,2,4,5-Tetrachloroben...	12.686	216	132663	38.873	ng/u1#	96
40) Hexachlorocyclopentadiene	12.668	237	86038	47.521	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) 2,4,6-Trichlorophenol	12.968	196	117265m	55.142	ng/ul	
42) 2,4,5-Trichlorophenol	13.050	196	127041m	56.863	ng/ul	
43) 1,1'-Biphenyl	13.332	154	269422	37.665	ng/ul#	95
44) 2-Chloronaphthalene	13.373	162	198476	34.524	ng/ul	97
45) 2-Nitroaniline	13.602	65	53901	27.732	ng/ul	85
47) Dimethylphthalate	13.967	163	279618	38.165	ng/ul	99
48) 2,6-Dinitrotoluene	14.084	165	53870	38.534	ng/ul#	77
50) Acenaphthylene	14.225	152	281418	33.421	ng/ul	94
52) Acenaphthene	14.560	153	223873	36.605	ng/ul	98
53) 2,4-Dinitrophenol	14.619	184	42449	50.838	ng/ul	88
56) Dibenzofuran	14.901	168	329778	36.360	ng/ul	94
57) 2,4-Dinitrotoluene	14.866	165	72190	34.262	ng/ul#	63
58) 2,3,4,6-Tetrachlorophenol	15.171	232	3502145	1741.957	ng/ul	98
59) Diethylphthalate	15.324	149	232867	28.566	ng/ul	98
61) Fluorene	15.553	166	172515	24.859	ng/ul	93
62) 4-Chlorophenyl-phenyle...	15.541	204	108172	28.248	ng/ul#	88
66) 4,6-Dinitro-2-methylph...	15.647	198	167159	119.142	ng/ul#	69
67) N-Nitrosodiphenylamine	15.759	169	111913	18.367	ng/ul	98
68) 4-Bromophenyl-phenylether	16.434	248	80098	33.207	ng/ul	94
69) Hexachlorobenzene	16.558	284	97774	35.108	ng/ul	95
70) Atrazine	16.763	200	67395	26.668	ng/ul	90
71) Pentachlorophenol	16.981	266	8784620m	5531.599	ng/ul	
72) Phenanthrene	17.304	178	459650	39.879	ng/ul	98
74) Anthracene	17.392	178	430421	36.164	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.297	216	131242	39.668	ng/ul	96
76) Pentachlorobenzene	14.819	250	149392	42.782	ng/ul	93
77) Carbazole	17.656	167	239063	25.230	ng/ul	97
78) Di-n-butylphthalate	18.215	149	433628	35.582	ng/ul#	98
80) Fluoranthene	19.307	202	566035	36.254	ng/ul#	90
82) Pyrene	19.666	202	576018	34.606	ng/ul#	89
83) Butylbenzylphthalate	20.559	149	193400	33.432	ng/ul	91
85) Benzo(a)anthracene	21.476	228	630647	37.687	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.393	149	288794	34.553	ng/ul#	96
87) Chrysene	21.540	228	598785	38.244	ng/ul	99
89) Di-n-octyl phthalate	22.539	149	488399	34.990	ng/ul	100
90) Benzo(b)fluoranthene	23.579	252	517063	32.224	ng/ul#	95
91) Benzo(k)fluoranthene	23.644	252	573715	35.888	ng/ul#	98
93) Benzo(a)pyrene	24.396	252	583030	38.652	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	27.974	276	801726	43.376	ng/ul#	88
95) Dibenzo(a,h)anthracene	28.027	278	656019m	44.399	ng/ul	
96) Benzo(g,h,i)perylene	29.037	276	604478	42.593	ng/ul#	94

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

