

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070921\
 Data File : BG049274.D
 Acq On : 10 Jul 2021 20:28
 Operator : CG/JU
 Sample : M2914-07MSD
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBK45MSD

Manual Integrations
 APPROVED

mohammad
 7/12/2021 12:35:23 PM

Quant Time: Jul 11 00:38:57 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 09 03:15:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.074	152	25404	20.000	ng/u1	0.00
20) Naphthalene-d8	10.894	136	104801	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.719	164	75975	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.469	188	180453	20.000	ng/u1	0.00
79) Chrysene-d12	21.758	240	182967	20.000	ng/u1	0.00
88) Perylene-d12	25.048	264	188759	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.467	96	2629	4.868	ng/uL	0.00
4) Pyridine-d5	3.890	84	15826	9.966	ng/u1	0.00
7) Phenol-d5	7.222	99	15636	7.076	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.392	67	42403	33.084	ng/u1	0.00
11) 2-Chlorophenol-d4	7.604	132	44565	27.287	ng/u1	0.00
15) 4-Methylphenol-d8	8.779	113	30127	17.016	ng/u1	0.00
21) Nitrobenzene-d5	9.243	128	29321	36.460	ng/u1	0.00
24) 2-Nitrophenol-d4	9.966	143	31812	34.459	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.506	165	60386	33.522	ng/u1	0.00
31) 4-Chloroaniline-d4	11.023	131	72285	30.793	ng/u1	0.00
46) Dimethylphthalate-d6	14.120	166	265381	45.419	ng/u1	0.00
49) Acenaphthylene-d8	14.413	160	265445	38.719	ng/u1	0.00
54) 4-Nitrophenol-d4	14.913	143	10060	10.402	ng/u1	0.00
60) Fluorene-d10	15.712	176	214898	43.440	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.823	200	52899	46.120	ng/u1	0.00
73) Anthracene-d10	17.568	188	384278	46.773	ng/u1	0.00
81) Pyrene-d10	19.854	212	460318	49.086	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.825	264	487713	49.704	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.503	88	3731m	5.673	ng/uL	
5) Pyridine	3.908	79	19171	10.882	ng/u1	96
6) Benzaldehyde	7.204	77	52566	39.542	ng/u1	93
8) Phenol	7.251	94	17778	8.045	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.486	93	51622	31.416	ng/u1#	84
12) 2-Chlorophenol	7.633	128	41293	25.049	ng/u1	97
13) 2-Methylphenol	8.514	108	33272	19.765	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.602	45	85680	32.418	ng/u1	98
16) Acetophenone	8.896	105	96923	33.372	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.879	70	52148	35.337	ng/u1	98
18) 4-Methylphenol	8.843	108	30804	17.590	ng/u1	98
19) Hexachloroethane	9.166	117	18797	25.183	ng/u1	97
22) Nitrobenzene	9.284	77	76962	33.935	ng/u1	91
23) Isophorone	9.807	82	140165	35.778	ng/u1	99
25) 2-Nitrophenol	10.001	139	30826	32.730	ng/u1	98
26) 2,4-Dimethylphenol	10.054	107	47757	22.900	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.289	93	73098	34.997	ng/u1#	91
29) 2,4-Dichlorophenol	10.536	162	52739	32.042	ng/u1	96
30) Naphthalene	10.947	128	168858	32.316	ng/u1	97
32) 4-Chloroaniline	11.053	127	69858	30.184	ng/u1	100
33) Hexachlorobutadiene	11.229	225	40771	29.210	ng/u1	98
34) Caprolactam	11.810	113	3664m	6.399	ng/u1	
35) 4-Chloro-3-methylphenol	12.163	107	60275	32.783	ng/u1	93
36) 2-Methylnaphthalene	12.545	142	136847	34.471	ng/u1	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.768	142	131454	33.296	ng/ul#	97
39) 1,2,4,5-Tetrachloroben...	12.915	216	84444	35.387	ng/ul	98
40) Hexachlorocyclopentadiene	12.892	237	29444	18.579	ng/ul	100
41) 2,4,6-Trichlorophenol	13.150	196	57619	37.328	ng/ul	88
42) 2,4,5-Trichlorophenol	13.221	196	63071	38.416	ng/ul	90
43) 1,1'-Biphenyl	13.550	154	185719	36.182	ng/ul	97
44) 2-Chloronaphthalene	13.597	162	139785	34.759	ng/ul	97
45) 2-Nitroaniline	13.796	65	65915	44.706	ng/ul	92
47) Dimethylphthalate	14.167	163	240917	44.422	ng/ul#	99
48) 2,6-Dinitrotoluene	14.290	165	52243	44.729	ng/ul	90
50) Acenaphthylene	14.443	152	231668	37.996	ng/ul	97
51) 3-Nitroaniline	14.619	138	45726	42.993	ng/ul	88
52) Acenaphthene	14.783	153	170344	38.470	ng/ul	95
53) 2,4-Dinitrophenol	14.825	184	30760	41.556	ng/ul#	85
55) 4-Nitrophenol	14.924	109	13317	10.908	ng/ul	97
56) Dibenzofuran	15.118	168	256539	40.880	ng/ul	94
57) 2,4-Dinitrotoluene	15.077	165	80410	47.709	ng/ul#	94
58) 2,3,4,6-Tetrachlorophenol	15.342	232	69548	45.174	ng/ul	96
59) Diethylphthalate	15.530	149	269439	46.219	ng/ul	99
61) Fluorene	15.765	166	227419	42.820	ng/ul	90
62) 4-Chlorophenyl-phenyle...	15.759	204	126752	43.413	ng/ul	99
63) 4-Nitroaniline	15.782	138	49345	47.261	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.841	198	50387	46.163	ng/ul#	95
67) N-Nitrosodiphenylamine	15.970	169	206119	44.864	ng/ul	97
68) 4-Bromophenyl-phenylether	16.652	248	91930	45.675	ng/ul	96
69) Hexachlorobenzene	16.775	284	107640	47.223	ng/ul	96
70) Atrazine	16.916	200	100676	47.880	ng/ul	98
71) Pentachlorophenol	17.116	266	61120	44.927	ng/ul	95
72) Phenanthrene	17.510	178	408731	46.438	ng/ul	99
74) Anthracene	17.604	178	397917	44.257	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.520	216	87372	35.492	ng/ul	96
76) Pentachlorobenzene	15.036	250	109179	41.806	ng/ul	96
77) Carbazole	17.868	167	373035	46.509	ng/ul	99
78) Di-n-butylphthalate	18.420	149	464163	46.253	ng/ul	99
80) Fluoranthene	19.519	202	517896	47.485	ng/ul	100
82) Pyrene	19.883	202	513979	47.297	ng/ul	99
83) Butylbenzylphthalate	20.759	149	202236	47.403	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.646	252	178517	41.760	ng/ul	99
85) Benzo(a)anthracene	21.734	228	514383	45.747	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.634	149	293049	47.094	ng/ul	98
87) Chrysene	21.805	228	495645	46.601	ng/ul	99
89) Di-n-octyl phthalate	22.868	149	490706	46.184	ng/ul	100
90) Benzo(b)fluoranthene	24.002	252	567974	48.775	ng/ul#	99
91) Benzo(k)fluoranthene	24.073	252	526789	46.397	ng/ul	94
93) Benzo(a)pyrene	24.901	252	483467	47.178	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	28.826	276	638781	48.312	ng/ul	95
95) Dibenzo(a,h)anthracene	28.890	278	534711	48.825	ng/ul	94
96) Benzo(g,h,i)perylene	30.001	276	530090	48.491	ng/ul	95

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

