

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080421\
 Data File : BG049633.D
 Acq On : 4 Aug 2021 11:49
 Operator : CG/JU
 Sample : SST00515
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :

Quant Time: Aug 04 14:07:37 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 04 13:55:58 2021
 Response via : Initial Calibration

Compound	R. T.	QI on	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.038	152	23799	20.000	ng/ul	0.00
20) Naphthalene-d8	10.863	136	98098	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.693	164	69950	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.442	188	155343	20.000	ng/ul	0.00
79) Chrysene-d12	21.725	240	154819	20.000	ng/ul	0.00
88) Perylene-d12	25.003	264	158701	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.426	96	824	1.584	ng/uL	0.00
4) Pyridine-d5	3.826	84	447	0.299	ng/ul	-0.02
7) Phenol-d5	7.192	99	8850	4.203	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.368	67	4904	4.112	ng/ul	0.00
11) 2-Chlorophenol-d4	7.573	132	6903	4.573	ng/ul	0.00
15) 4-Methylphenol-d8	8.748	113	6691	4.216	ng/ul	0.00
21) Nitrobenzene-d5	9.207	128	3345	4.435	ng/ul	0.00
24) 2-Nitrophenol-d4	9.941	143	3654	4.134	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.487	165	7143	4.444	ng/ul	0.00
31) 4-Chloroaniline-d4	11.004	131	9671	4.317	ng/ul	0.00
46) Dimethylphthalate-d6	14.088	166	24263	4.528	ng/ul	0.00
49) Acenaphthylene-d8	14.388	160	30199	4.852	ng/ul	0.00
54) 4-Nitrophenol-d4	14.893	143	2635	2.986	ng/ul	0.00
60) Fluorene-d10	15.686	176	21531	4.664	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.809	200	3259	3.386	ng/ul	0.00
73) Anthracene-d10	17.542	188	33706	4.669	ng/ul	0.00
81) Pyrene-d10	19.827	212	35971	4.544	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.774	264	37480	4.493	ng/ul	0.00
Target Compounds						
2) 1,4-Dioxane	3.461	88	765	1.076	ng/uL#	72
5) Pyridine	3.884	79	5704	3.569	ng/ul	88
6) Benzaldehyde	7.180	77	4857	3.866	ng/ul #	61
8) Phenol	7.221	94	8473	4.119	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.450	93	6052	4.271	ng/ul	95
12) 2-Chlorophenol	7.603	128	7138	4.912	ng/ul	92
13) 2-Methylphenol	8.490	108	5990	3.821	ng/ul #	79
14) 2,2'-oxybis(1-Chloropr...	8.560	45	3576	2.153	ng/ul #	88
16) Acetophenone	8.866	105	11124	4.355	ng/ul	91
17) N-Nitrosodimethylpropyl a...	8.848	70	6856	5.205	ng/ul	95
18) 4-Methylphenol	8.813	108	7442	4.512	ng/ul	92
19) Hexachloroethane	9.130	117	2669	4.077	ng/ul #	84
22) Nitrobenzene	9.254	77	10007	4.444	ng/ul #	87
23) Isophorone	9.776	82	16124	4.273	ng/ul #	94
25) 2-Nitrophenol	9.964	139	3513	4.224	ng/ul #	92
26) 2,4-Dimethylphenol	10.029	107	9141	4.611	ng/ul	93
27) Bis(2-Chloroethoxy)met...	10.264	93	8381	4.453	ng/ul	98
29) 2,4-Dichlorophenol	10.511	162	6940	4.417	ng/ul	88
30) Naphthalene	10.910	128	22943	4.540	ng/ul #	94
33) Hexachlorobutadiene	11.204	225	5671	4.721	ng/ul #	84
34) Caprolactam	11.785	113	1180	2.208	ng/ul	93
35) 4-Chloro-3-methylphenol	12.144	107	7258	4.105	ng/ul	91
36) 2-Methylnaphthalene	12.526	142	17658	4.775	ng/ul	95

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Compound	R. T.	QI on	Response	Conc	Units	Dev(Mi n)
37) 1-Methyl naphthal ene	12. 743	142	17803	4. 764	ng/ul #	81
39) 1, 2, 4, 5-Tetrachl oroben. . .	12. 890	216	9360	4. 502	ng/ul	99
40) Hexachl orocycl opentadi ene	12. 860	237	1727	1. 379	ng/ul #	65
41) 2, 4, 6-Tri chl orophenol	13. 125	196	6171	4. 830	ng/ul	90
42) 2, 4, 5-Tri chl orophenol	13. 125	196	5027	3. 684	ng/ul	86
43) 1, 1' -Bi phenyl	13. 524	154	23204	4. 658	ng/ul	97
44) 2-Chl oronaphthal ene	13. 571	162	17458	4. 504	ng/ul	94
45) 2-Ni troani li ne	13. 771	65	5769	4. 194	ng/ul	90
47) Di methyl phthal ate	14. 141	163	24950	4. 788	ng/ul #	92
48) 2, 6-Di ni trotol uene	14. 264	165	4831	4. 646	ng/ul	91
50) Acenaphthyl ene	14. 417	152	26714	4. 495	ng/ul #	93
51) 3-Ni troani li ne	14. 605	138	4256	4. 103	ng/ul #	61
52) Acenaphthene	14. 764	153	19420	4. 556	ng/ul	95
53) 2, 4-Di ni trophenol	14. 822	184	585	1. 129	ng/ul #	74
56) Di benzofuran	15. 093	168	27491	4. 776	ng/ul	93
57) 2, 4-Di ni trotol uene	15. 052	165	6861	4. 654	ng/ul #	83
58) 2, 3, 4, 6-Tetrachl orophenol	15. 322	232	4341	3. 506	ng/ul #	96
59) Di ethyl phthal ate	15. 504	149	24226	4. 492	ng/ul #	88
61) Fluorene	15. 739	166	22206	4. 545	ng/ul #	77
62) 4-Chl orophenyl -phenyl e. . .	15. 733	204	12326	4. 846	ng/ul	99
63) 4-Ni troani li ne	15. 756	138	2969	2. 887	ng/ul #	75
66) 4, 6-Di ni tro-2-methyl ph. . .	15. 821	198	2907	3. 281	ng/ul #	96
67) N-Ni trosodi phenyl ami ne	15. 944	169	18877	4. 637	ng/ul #	79
68) 4-Bromophenyl -phenyl ether	16. 626	248	7294	4. 217	ng/ul	96
69) Hexachl orobenzene	16. 749	284	8944	4. 570	ng/ul #	85
70) Atrazi ne	16. 890	200	7600	4. 087	ng/ul	93
72) Phenanthrene	17. 484	178	37274	4. 609	ng/ul	99
74) Anthracene	17. 578	178	36104	4. 406	ng/ul	97
75) 1, 2, 3, 4-Tetrachl oroben. . .	13. 495	216	9793	4. 639	ng/uL#	92
76) Pentachl orobenzene	15. 016	250	10571	4. 733	ng/uL	92
77) Carbazol e	17. 848	167	31926	4. 358	ng/ul	97
78) Di -n-butyl phthal ate	18. 400	149	39019	4. 283	ng/ul	98
80) Fluoranthene	19. 498	202	44950	4. 676	ng/ul	97
82) Pyrene	19. 857	202	47760	5. 004	ng/ul	98
83) Butyl benzyl phthal ate	20. 738	149	16215	4. 364	ng/ul	96
84) 3, 3' -Di chl orobenzi di ne	21. 619	252	14999	4. 216	ng/ul	98
85) Benzo(a)anthracene	21. 707	228	44674	4. 720	ng/ul	99
86) Bi s(2-ethyl hexyl)phtha. . .	21. 602	149	24713	4. 482	ng/ul	97
87) Chrysene	21. 772	228	42128	4. 650	ng/ul	94
89) Di -n-octyl phthal ate	22. 829	149	41217	4. 418	ng/ul	100
90) Benzo(b)fluoranthene	24. 022	252	46753	4. 700	ng/ul	98
91) Benzo(k)fluoranthene	24. 022	252	46753	4. 803	ng/ul	97
93) Benzo(a)pyrene	24. 844	252	40407	4. 683	ng/ul #	91
94) I ndeno(1, 2, 3-cd)pyrene	28. 739	276	52639	4. 781	ng/ul #	94
95) Di benzo(a, h)anthracene	28. 804	278	31413	3. 448	ng/ul	99
96) Benzo(g, h, i)peryl ene	29. 914	276	43218	4. 721	ng/ul	95

(#) = qual i fi er out of range (m) = manual i ntegrati on (+) = signal s summed

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