

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030323\
 Data File : BN024119.D
 Acq On : 03 Mar 2023 09:14
 Operator : CG/JU
 Sample : SST00577
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SST005245

Quant Time: Mar 03 23:05:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN030323.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 03 23:03:15 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/06/2023
 Supervised By :Jagrut Upadhyay 03/08/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.057	152	219438	20.000	ng/ul	0.00
20) Naphthalene-d8	10.881	136	924726	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.698	164	586391	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.439	188	1267808	20.000	ng/ul	0.00
79) Chrysene-d12	21.633	240	1166783	20.000	ng/ul	0.00
88) Perylene-d12	24.151	264	1340769	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.411	96	11169	2.077	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	0.000	99	0d	0.000	ng/ul	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/ul	
11) 2-Chlorophenol-d4	7.581	132	65723	4.463	ng/ul	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	9.228	128	19618	2.976	ng/ul	0.00
24) 2-Nitrophenol-d4	9.951	143	20134	2.823	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.487	165	60681	4.044	ng/ul	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	14.098	166	205492	4.612	ng/ul	0.00
49) Acenaphthylene-d8	14.387	160	237022	4.389	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.686	176	181148	4.679	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.539	188	283357	4.716	ng/ul	0.00
81) Pyrene-d10	19.827	212	312135	4.552	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.980	264	275685	3.918	ng/ul	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.446	88	12971	2.216	ng/uL	94
12) 2-Chlorophenol	7.616	128	70917	4.759	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.869	70	52407	5.012	ng/ul#	95
19) Hexachloroethane	9.151	117	26778	4.451	ng/ul	92
22) Nitrobenzene	9.269	77	61575	3.791	ng/ul	99
23) Isophorone	9.793	82	156746	4.712	ng/ul	99
25) 2-Nitrophenol	9.987	139	25313	3.207	ng/ul	99
26) 2,4-Dimethylphenol	10.040	107	78379	4.612	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.281	93	104047	5.127	ng/ul	99
29) 2,4-Dichlorophenol	10.516	162	63949	4.334	ng/ul	97
30) Naphthalene	10.928	128	250758	4.972	ng/ul	99
33) Hexachlorobutadiene	11.216	225	41527	4.101	ng/ul	96
35) 4-Chloro-3-methylphenol	12.145	107	67212	4.479	ng/ul	97
36) 2-Methylnaphthalene	12.534	142	160581	4.924	ng/ul	99
37) 1-Methylnaphthalene	12.751	142	163192	5.061	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.892	216	82203	4.089	ng/ul	97
41) 2,4,6-Trichlorophenol	13.128	196	47656	3.687	ng/ul	90
42) 2,4,5-Trichlorophenol	13.192	196	50302	3.643	ng/ul	97
43) 1,1'-Biphenyl	13.534	154	219972	4.608	ng/ul	97
44) 2-Chloronaphthalene	13.575	162	174249	4.617	ng/ul	99
45) 2-Nitroaniline	13.769	65	20019	2.871	ng/ul	90
47) Dimethylphthalate	14.145	163	213223	4.810	ng/ul	99
48) 2,6-Dinitrotoluene	14.263	165	15597	2.573	ng/ul	93
50) Acenaphthylene	14.416	152	270977	4.743	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	14.757	153	186250	4.795	ng/ul	96
56) Dibenzofuran	15.092	168	262391	4.864	ng/ul	98
57) 2,4-Dinitrotoluene	15.045	165	28940m	3.226	ng/ul	
58) 2,3,4,6-Tetrachlorophenol	15.310	232	44548	3.879	ng/ul	98
59) Diethylphthalate	15.510	149	206969	4.842	ng/ul	99
61) Fluorene	15.739	166	219181	5.137	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.733	204	104983	4.855	ng/ul	97
67) N-Nitrosodiphenylamine	15.945	169	174108	4.601	ng/ul	99
68) 4-Bromophenyl-phenylether	16.628	248	56384	3.967	ng/ul	98
69) Hexachlorobenzene	16.745	284	73966	4.488	ng/ul	96
72) Phenanthrene	17.486	178	338896	4.826	ng/ul	99
74) Anthracene	17.575	178	342490	4.838	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.498	216	85319	3.959	ng/uL	98
76) Pentachlorobenzene	15.010	250	82339	4.116	ng/uL	97
78) Di-n-butylphthalate	18.410	149	305410	4.375	ng/ul	99
80) Fluoranthene	19.492	202	359922	4.442	ng/ul	96
82) Pyrene	19.857	202	412772	4.944	ng/ul	98
83) Butylbenzylphthalate	20.757	149	67160	5.231	ng/ul	98
85) Benzo(a)anthracene	21.616	228	370682	4.524	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.545	149	116208	4.920	ng/ul	98
87) Chrysene	21.668	228	384546	4.924	ng/ul	93
90) Benzo(b)fluoranthene	23.374	252	347342	4.046	ng/ul	100
91) Benzo(k)fluoranthene	23.421	252	383500	4.586	ng/ul	100
93) Benzo(a)pyrene	24.033	252	327198	4.240	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.774	276	388148m	3.792	ng/ul	
95) Dibenzo(a,h)anthracene	26.792	278	322409m	3.845	ng/ul	
96) Benzo(g,h,i)perylene	27.592	276	333037m	3.942	ng/ul	

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

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