

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111423\
 Data File : BN028587.D
 Acq On : 13 Nov 2023 19:56
 Operator : MA/JU
 Sample : SSTD00595
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD005218

Quant Time: Nov 14 04:34:00 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN111423.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 14 04:07:03 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh
 Patel
 11/16/2023

Supervised By :mohammad
 ahmed
 11/16/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.699	152	201443	20.000	ng/u1	0.00
20) Naphthalene-d8	10.487	136	946177	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.346	164	609068	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.098	188	1211640	20.000	ng/u1	0.00
79) Chrysene-d12	21.310	240	1058639	20.000	ng/u1	0.00
88) Perylene-d12	23.610	264	1104406	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.140	96	13023	2.409	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	0.000	99	0d	0.000	ng/u1	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/u1	
11) 2-Chlorophenol-d4	7.240	132	84300	5.156	ng/u1	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/u1	
21) Nitrobenzene-d5	8.863	128	42211	5.474	ng/u1	0.00
24) 2-Nitrophenol-d4	9.581	143	41597	5.808	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.128	165	65722	3.974	ng/u1	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/u1	
46) Dimethylphthalate-d6	13.769	166	300062	5.372	ng/u1	0.00
49) Acenaphthylene-d8	14.040	160	345854	5.409	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.345	176	245860	5.238	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.198	188	393610	5.915	ng/u1	0.00
81) Pyrene-d10	19.498	212	435502	5.890	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.463	264	377805	5.803	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.181	88	13883	2.391	ng/uL	96
12) 2-Chlorophenol	7.269	128	83704	5.076	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.511	70	69495	5.338	ng/u1	97
19) Hexachloroethane	8.769	117	42471	6.253	ng/u1	100
22) Nitrobenzene	8.905	77	93192	5.128	ng/u1	98
23) Isophorone	9.422	82	217190	5.405	ng/u1	99
25) 2-Nitrophenol	9.616	139	45810	5.594	ng/u1	99
26) 2,4-Dimethylphenol	9.687	107	96714	5.098	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.922	93	125572	5.181	ng/u1	99
29) 2,4-Dichlorophenol	10.158	162	74576	4.619	ng/u1	99
30) Naphthalene	10.540	128	339562	5.626	ng/u1	98
33) Hexachlorobutadiene	10.828	225	63522	5.991	ng/u1	94
35) 4-Chloro-3-methylphenol	11.810	107	68388	3.893	ng/u1	96
36) 2-Methylnaphthalene	12.163	142	220236	5.341	ng/u1	92
37) 1-Methylnaphthalene	12.381	142	230270	5.446	ng/u1	97
39) 1,2,4,5-Tetrachloroben...	12.534	216	113256	5.415	ng/u1	98
41) 2,4,6-Trichlorophenol	12.781	196	60024	4.699	ng/u1	98
42) 2,4,5-Trichlorophenol	12.869	196	76441m	5.496	ng/u1	
43) 1,1'-Biphenyl	13.181	154	301849	5.604	ng/u1	98
44) 2-Chloronaphthalene	13.222	162	235540	5.513	ng/u1	95
45) 2-Nitroaniline	13.446	65	49563	5.188	ng/u1	92
47) Dimethylphthalate	13.816	163	297075	5.397	ng/u1	100
48) 2,6-Dinitrotoluene	13.934	165	52218	5.810	ng/u1	95
50) Acenaphthylene	14.069	152	395024	5.529	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	14.410	153	263730	5.626	ng/u1	99
56) Dibenzofuran	14.751	168	343533	5.389	ng/u1	97
57) 2,4-Dinitrotoluene	14.722	165	67817	5.211	ng/u1	93
58) 2,3,4,6-Tetrachlorophenol	14.987	232	58092	4.978	ng/u1	97
59) Diethylphthalate	15.181	149	298740	5.261	ng/u1	98
61) Fluorene	15.398	166	293702	5.569	ng/u1	94
62) 4-Chlorophenyl-phenyle...	15.398	204	139894	5.389	ng/u1	99
67) N-Nitrosodiphenylamine	15.616	169	231648	5.718	ng/u1	99
68) 4-Bromophenyl-phenylether	16.292	248	77966	5.417	ng/u1	96
69) Hexachlorobenzene	16.398	284	96149	5.763	ng/u1	95
72) Phenanthrene	17.140	178	430484	5.694	ng/u1	100
74) Anthracene	17.234	178	452772	5.932	ng/u1	98
75) 1,2,3,4-Tetrachloroben...	13.140	216	116660	6.118	ng/uL	100
76) Pentachlorobenzene	14.663	250	114632	6.023	ng/uL	97
78) Di-n-butylphthalate	18.081	149	475132	5.440	ng/u1	99
80) Fluoranthene	19.163	202	493635	5.764	ng/u1	100
82) Pyrene	19.528	202	521896	5.911	ng/u1	98
83) Butylbenzylphthalate	20.451	149	210458	5.844	ng/u1	96
85) Benzo(a)anthracene	21.292	228	451904	5.252	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.239	149	309138	5.589	ng/u1	100
87) Chrysene	21.345	228	479045	5.984	ng/u1	99
90) Benzo(b)fluoranthene	22.916	252	417462	5.168	ng/u1	96
91) Benzo(k)fluoranthene	22.963	252	487210	5.980	ng/u1	98
93) Benzo(a)pyrene	23.510	252	418662	5.530	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	25.968	276	508293	5.949	ng/u1	99
95) Dibenzo(a,h)anthracene	25.998	278	415758	5.857	ng/u1	96
96) Benzo(g,h,i)perylene	26.698	276	391575	5.791	ng/u1	96

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

Manual Integrations

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