

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100724\
 Data File : BN034434.D
 Acq On : 07 Oct 2024 11:17
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020337

Quant Time: Oct 07 12:10:07 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Sep 30 14:14:38 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/08/2024
 Supervised By :mohammad ahmed 10/09/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.375	152	139726	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.128	136	560909	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.028	164	349810	20.000	ng/ul	-0.01
64) Phenanthrene-d10	16.786	188	736101	20.000	ng/ul	-0.01
79) Chrysene-d12	21.021	240	706768	20.000	ng/ul	-0.01
88) Perylene-d12	23.727	264	752776	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.993	96	26689	7.794	ng/uL	0.00
4) Pyridine-d5	3.387	84	170214	16.724	ng/ul	0.00
7) Phenol-d5	6.575	99	204553	16.495	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.734	67	126858	16.488	ng/ul	0.00
11) 2-Chlorophenol-d4	6.916	132	185636	19.018	ng/ul	-0.01
15) 4-Methylphenol-d8	8.093	113	170024	16.663	ng/ul	-0.01
21) Nitrobenzene-d5	8.522	128	85587	19.144	ng/ul	0.00
24) 2-Nitrophenol-d4	9.234	143	88178	19.180	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.763	165	173332	20.020	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.281	131	231275	17.644	ng/ul	-0.01
46) Dimethylphthalate-d6	13.457	166	507870	19.427	ng/ul	-0.01
49) Acenaphthylene-d8	13.716	160	574274	19.527	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.263	143	80331	14.973	ng/ul	-0.01
60) Fluorene-d10	15.034	176	432808	19.535	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.169	200	71749	16.348	ng/ul	0.00
73) Anthracene-d10	16.886	188	678010	19.591	ng/ul	-0.01
81) Pyrene-d10	19.198	212	794139	20.166	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.539	264	731576	18.919	ng/ul	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.028	88	29100	8.057	ng/uL	88
5) Pyridine	3.399	79	177717	17.064	ng/ul	97
6) Benzaldehyde	6.534	77	110790	16.925	ng/ul	94
8) Phenol	6.605	94	207620	16.081	ng/ul	95
10) Bis(2-Chloroethyl)ether	6.822	93	178730	17.811	ng/ul	94
12) 2-Chlorophenol	6.946	128	187988	18.792	ng/ul	95
13) 2-Methylphenol	7.828	108	161415	16.727	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	7.904	45	238856	16.140	ng/ul#	94
16) Acetophenone	8.193	105	262534	16.242	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.181	70	124421	15.545	ng/ul	94
18) 4-Methylphenol	8.157	108	174090	16.210	ng/ul	100
19) Hexachloroethane	8.428	117	80022	18.966	ng/ul	88
22) Nitrobenzene	8.557	77	198734	17.760	ng/ul	94
23) Isophorone	9.081	82	350116	16.967	ng/ul	96
25) 2-Nitrophenol	9.263	139	97204	18.892	ng/ul	95
26) 2,4-Dimethylphenol	9.340	107	189002	17.855	ng/ul	92
27) Bis(2-Chloroethoxy)met...	9.575	93	236297	18.611	ng/ul	98
29) 2,4-Dichlorophenol	9.793	162	173231	19.760	ng/ul	95
30) Naphthalene	10.181	128	597841	19.486	ng/ul	100
32) 4-Chloroaniline	10.304	127	222639	17.236	ng/ul	99
33) Hexachlorobutadiene	10.469	225	116747	20.758	ng/ul	97
34) Caprolactam	11.069	113	67755m	19.412	ng/ul	
35) 4-Chloro-3-methylphenol	11.445	107	170095	16.481	ng/ul	91
36) 2-Methylnaphthalene	11.804	142	399845	18.920	ng/ul	98

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37) 1-Methylnaphthalene	12.028	142	412547	19.285	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.187	216	214050	21.196	ng/ul	99
40) Hexachlorocyclopentadiene	12.163	237	115978	18.665	ng/ul	96
41) 2,4,6-Trichlorophenol	12.440	196	130549	19.500	ng/ul	99
42) 2,4,5-Trichlorophenol	12.516	196	143691	19.540	ng/ul	98
43) 1,1'-Biphenyl	12.851	154	519389	19.694	ng/ul	97
44) 2-Chloronaphthalene	12.881	162	408845	19.900	ng/ul	98
45) 2-Nitroaniline	13.104	65	101041	15.219	ng/ul	90
47) Dimethylphthalate	13.504	163	516328	19.379	ng/ul	99
48) 2,6-Dinitrotoluene	13.622	165	98194	18.716	ng/ul	91
50) Acenaphthylene	13.745	152	664357	20.644	ng/ul	99
51) 3-Nitroaniline	13.951	138	91993	15.867	ng/ul	94
52) Acenaphthene	14.092	153	443553	19.306	ng/ul	98
53) 2,4-Dinitrophenol	14.163	184	47061	15.250	ng/ul#	83
55) 4-Nitrophenol	14.275	109	81858	17.966	ng/ul	91
56) Dibenzofuran	14.434	168	615503	19.590	ng/ul	97
57) 2,4-Dinitrotoluene	14.416	165	148140	18.730	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	14.669	232	126010	20.650	ng/ul	94
59) Diethylphthalate	14.886	149	526821	18.922	ng/ul	99
61) Fluorene	15.086	166	496580	19.321	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.092	204	248328	19.934	ng/ul	98
63) 4-Nitroaniline	15.122	138	87083m	14.596	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.181	198	79805	16.375	ng/ul#	98
67) N-Nitrosodiphenylamine	15.310	169	428421	19.423	ng/ul	99
68) 4-Bromophenyl-phenylether	15.992	248	153727	20.566	ng/ul	92
69) Hexachlorobenzene	16.092	284	181663	20.939	ng/ul	96
70) Atrazine	16.281	200	131527	16.458	ng/ul	98
71) Pentachlorophenol	16.445	266	101206	17.515	ng/ul	98
72) Phenanthrene	16.828	178	790808	19.484	ng/ul	99
74) Anthracene	16.922	178	803801	19.394	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.804	216	209343	20.434	ng/uL	97
76) Pentachlorobenzene	14.351	250	210721	20.201	ng/uL	94
77) Carbazole	17.198	167	725220	19.012	ng/ul	99
78) Di-n-butylphthalate	17.786	149	895856	18.475	ng/ul	98
80) Fluoranthene	18.863	202	943558	20.496	ng/ul	96
82) Pyrene	19.227	202	984056	19.884	ng/ul	95
83) Butylbenzylphthalate	20.169	149	385942	17.389	ng/ul	97
84) 3,3'-Dichlorobenzidine	20.951	252	275045	17.325	ng/ul	98
85) Benzo(a)anthracene	21.010	228	964912	19.148	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	20.969	149	583645	17.966	ng/ul	97
87) Chrysene	21.063	228	905519	18.833	ng/ul	97
89) Di-n-octyl phthalate	22.010	149	918992	18.347	ng/ul	100
90) Benzo(b)fluoranthene	22.880	252	939813	20.477	ng/ul	98
91) Benzo(k)fluoranthene	22.939	252	955756	21.109	ng/ul	98
93) Benzo(a)pyrene	23.604	252	871716	20.106	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.709	276	995056	18.523	ng/ul	99
95) Dibenzo(a,h)anthracene	26.762	278	812982	18.722	ng/ul	97
96) Benzo(g,h,i)perylene	27.645	276	797837	19.131	ng/ul	96

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

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