

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120624\
 Data File : BN035485.D
 Acq On : 07 Dec 2024 11:48
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020358

Quant Time: Dec 09 00:11:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN120224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 02 18:25:21 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/09/2024
 Supervised By :mohammad ahmed 12/13/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.293	152	102383	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.045	136	451689	20.000	ng/u1	0.00
38) Acenaphthene-d10	13.957	164	337080	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.721	188	748556	20.000	ng/u1	0.00
79) Chrysene-d12	20.980	240	736236	20.000	ng/u1	0.00
88) Perylene-d12	23.650	264	846080	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.957	96	16656	7.687	ng/uL	0.00
4) Pyridine-d5	3.334	84	121654	21.300	ng/u1	0.00
7) Phenol-d5	6.498	99	156213	21.418	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.657	67	86827	21.346	ng/u1	0.00
11) 2-Chlorophenol-d4	6.834	132	130344	21.089	ng/u1	-0.01
15) 4-Methylphenol-d8	8.010	113	139226	21.904	ng/u1	0.00
21) Nitrobenzene-d5	8.434	128	66109	22.528	ng/u1	0.00
24) 2-Nitrophenol-d4	9.145	143	77122	22.705	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.681	165	160081	21.563	ng/u1	0.00
31) 4-Chloroaniline-d4	10.192	131	203095	22.156	ng/u1	0.00
46) Dimethylphthalate-d6	13.386	166	500368	20.673	ng/u1	0.00
49) Acenaphthylene-d8	13.639	160	550002	20.634	ng/u1	0.00
54) 4-Nitrophenol-d4	14.192	143	85046	21.339	ng/u1	0.00
60) Fluorene-d10	14.963	176	422701	20.223	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.098	200	86762	21.977	ng/u1	0.00
73) Anthracene-d10	16.821	188	692331	20.970	ng/u1	0.00
81) Pyrene-d10	19.145	212	799141	20.551	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.468	264	851275	20.778	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	2.987	88	18433	7.587	ng/uL#	97
5) Pyridine	3.352	79	122424	21.375	ng/u1	99
6) Benzaldehyde	6.457	77	97889	24.882	ng/u1	96
8) Phenol	6.522	94	162578	21.522	ng/u1	98
10) Bis(2-Chloroethyl)ether	6.745	93	125678	21.252	ng/u1	99
12) 2-Chlorophenol	6.869	128	133874	20.813	ng/u1	99
13) 2-Methylphenol	7.745	108	126514	21.570	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	7.822	45	101793	21.778	ng/u1	99
16) Acetophenone	8.110	105	221020	22.018	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.104	70	104506	21.899	ng/u1	99
18) 4-Methylphenol	8.075	108	144770	22.214	ng/u1	98
19) Hexachloroethane	8.345	117	55919	20.348	ng/u1	98
22) Nitrobenzene	8.475	77	158735	21.535	ng/u1	97
23) Isophorone	8.998	82	312045	21.126	ng/u1	99
25) 2-Nitrophenol	9.175	139	84714	22.013	ng/u1	99
26) 2,4-Dimethylphenol	9.257	107	161943	20.994	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.492	93	184517	20.507	ng/u1	98
29) 2,4-Dichlorophenol	9.704	162	161107	21.447	ng/u1	94
30) Naphthalene	10.092	128	469763	20.464	ng/u1	100
32) 4-Chloroaniline	10.216	127	191584	21.817	ng/u1	97
33) Hexachlorobutadiene	10.386	225	107806	20.335	ng/u1	99
34) Caprolactam	10.986	113	46692	21.513	ng/u1	97
35) 4-Chloro-3-methylphenol	11.357	107	166475	21.275	ng/u1	99
36) 2-Methylnaphthalene	11.722	142	348323	20.377	ng/u1	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	11.945	142	360435	20.568	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.104	216	210491	21.189	ng/ul	96
40) Hexachlorocyclopentadiene	12.086	237	105982	21.237	ng/ul	94
41) 2,4,6-Trichlorophenol	12.363	196	137573	21.356	ng/ul	96
42) 2,4,5-Trichlorophenol	12.433	196	152036	21.183	ng/ul	99
43) 1,1'-Biphenyl	12.775	154	469928	20.200	ng/ul	98
44) 2-Chloronaphthalene	12.804	162	385577	20.722	ng/ul	97
45) 2-Nitroaniline	13.027	65	88582	24.221	ng/ul	97
47) Dimethylphthalate	13.433	163	493428	20.378	ng/ul	99
48) 2,6-Dinitrotoluene	13.551	165	94225	23.348	ng/ul	99
50) Acenaphthylene	13.669	152	575243	20.304	ng/ul	99
51) 3-Nitroaniline	13.874	138	92946	22.237	ng/ul	94
52) Acenaphthene	14.022	153	411452	20.178	ng/ul	96
53) 2,4-Dinitrophenol	14.086	184	57666	20.457	ng/ul	99
55) 4-Nitrophenol	14.210	109	82350	21.877	ng/ul	91
56) Dibenzofuran	14.363	168	590468	20.365	ng/ul	98
57) 2,4-Dinitrotoluene	14.345	165	149875	23.403	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.598	232	130717	20.906	ng/ul	99
59) Diethylphthalate	14.827	149	495652	20.945	ng/ul	99
61) Fluorene	15.022	166	478665	20.494	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.027	204	240728	20.171	ng/ul	99
63) 4-Nitroaniline	15.057	138	96762m	23.871	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.116	198	97517	22.798	ng/ul	97
67) N-Nitrosodiphenylamine	15.245	169	417157	20.977	ng/ul	100
68) 4-Bromophenyl-phenylether	15.927	248	160237	21.167	ng/ul	100
69) Hexachlorobenzene	16.027	284	187034	20.814	ng/ul	99
70) Atrazine	16.221	200	165132	23.249	ng/ul	100
71) Pentachlorophenol	16.380	266	125841	22.057	ng/ul	92
72) Phenanthrene	16.768	178	796463	20.666	ng/ul	98
74) Anthracene	16.857	178	805067	20.689	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.727	216	208975	21.056	ng/uL	99
76) Pentachlorobenzene	14.280	250	214613	21.005	ng/uL	95
77) Carbazole	17.139	167	722054	22.299	ng/ul	99
78) Di-n-butylphthalate	17.733	149	829510	22.007	ng/ul	99
80) Fluoranthene	18.804	202	971886	21.296	ng/ul	100
82) Pyrene	19.174	202	1023508	20.912	ng/ul	99
83) Butylbenzylphthalate	20.127	149	324779	23.544	ng/ul	98
84) 3,3'-Dichlorobenzidine	20.909	252	283300	21.582	ng/ul	99
85) Benzo(a)anthracene	20.962	228	998968	20.211	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	20.939	149	503710	23.158	ng/ul	98
87) Chrysene	21.015	228	955495	20.064	ng/ul	99
89) Di-n-octyl phthalate	21.962	149	846309	22.005	ng/ul	100
90) Benzo(b)fluoranthene	22.815	252	1046335	21.455	ng/ul	96
91) Benzo(k)fluoranthene	22.868	252	1005201	20.129	ng/ul	99
93) Benzo(a)pyrene	23.521	252	963437	21.049	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.586	276	1103651	20.214	ng/ul	99
95) Dibenzo(a,h)anthracene	26.644	278	891381	20.150	ng/ul	99
96) Benzo(g,h,i)perylene	27.503	276	821166	19.816	ng/ul	95

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

