

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120624\
 Data File : BN035468.D
 Acq On : 06 Dec 2024 19:47
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020356

Quant Time: Dec 06 21:29:08 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 12/07/2024
 Supervised By :mohammad ahmed 12/13/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.299	152	77113	20.000	ng/u1	0.00
20) Naphthalene-d8	10.046	136	335337	20.000	ng/u1	0.00
38) Acenaphthene-d10	13.957	164	261077	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.722	188	564236	20.000	ng/u1	0.00
79) Chrysene-d12	20.974	240	580672	20.000	ng/u1	0.00
88) Perylene-d12	23.645	264	684300	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.958	96	13346	8.178	ng/uL	0.00
4) Pyridine-d5	3.334	84	90373	21.009	ng/u1	0.00
7) Phenol-d5	6.499	99	115428	21.012	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.658	67	64030	20.900	ng/u1	0.00
11) 2-Chlorophenol-d4	6.840	132	95446	20.503	ng/u1	0.00
15) 4-Methylphenol-d8	8.010	113	100601	21.014	ng/u1	0.00
21) Nitrobenzene-d5	8.434	128	46220	21.215	ng/u1	0.00
24) 2-Nitrophenol-d4	9.146	143	54761	21.716	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.675	165	115403	20.939	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.193	131	144486	21.231	ng/u1	0.00
46) Dimethylphthalate-d6	13.387	166	387917	20.693	ng/u1	0.00
49) Acenaphthylene-d8	13.640	160	428502	20.756	ng/u1	0.00
54) 4-Nitrophenol-d4	14.192	143	66936	21.684	ng/u1	0.00
60) Fluorene-d10	14.963	176	338608	20.916	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.098	200	66075	22.205	ng/u1	0.00
73) Anthracene-d10	16.822	188	531746	21.367	ng/u1	0.00
81) Pyrene-d10	19.145	212	630488	20.558	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.463	264	702077	21.188	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	2.987	88	13777	7.529	ng/uL#	94
5) Pyridine	3.358	79	91260	21.156	ng/u1	94
6) Benzaldehyde	6.458	77	74774	25.235	ng/u1	98
8) Phenol	6.522	94	120592	21.195	ng/u1	99
10) Bis(2-Chloroethyl)ether	6.746	93	93313	20.950	ng/u1	98
12) 2-Chlorophenol	6.869	128	98061	20.241	ng/u1	98
13) 2-Methylphenol	7.746	108	92723	20.989	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	7.822	45	74009	21.022	ng/u1	97
16) Acetophenone	8.110	105	165309	21.865	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.105	70	76880	21.389	ng/u1	99
18) 4-Methylphenol	8.075	108	107443	21.889	ng/u1	96
19) Hexachloroethane	8.346	117	41296	19.952	ng/u1	99
22) Nitrobenzene	8.475	77	115866	21.173	ng/u1	97
23) Isophorone	8.999	82	223876	20.416	ng/u1	98
25) 2-Nitrophenol	9.175	139	61268	21.445	ng/u1	99
26) 2,4-Dimethylphenol	9.257	107	118291	20.656	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.493	93	135509	20.285	ng/u1	99
29) 2,4-Dichlorophenol	9.704	162	117109	20.999	ng/u1	99
30) Naphthalene	10.093	128	348271	20.436	ng/u1	99
32) 4-Chloroaniline	10.216	127	138416	21.232	ng/u1	100
33) Hexachlorobutadiene	10.387	225	78839	20.031	ng/u1	100
34) Caprolactam	10.987	113	34367m	21.328	ng/u1	
35) 4-Chloro-3-methylphenol	11.357	107	122333	21.058	ng/u1	99
36) 2-Methylnaphthalene	11.722	142	261017	20.568	ng/u1	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	11.945	142	270447	20.788	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.104	216	155593	20.223	ng/ul	97
40) Hexachlorocyclopentadiene	12.087	237	79101	20.464	ng/ul	94
41) 2,4,6-Trichlorophenol	12.363	196	102990	20.642	ng/ul	94
42) 2,4,5-Trichlorophenol	12.434	196	113880	20.485	ng/ul	98
43) 1,1'-Biphenyl	12.775	154	371549	20.621	ng/ul	95
44) 2-Chloronaphthalene	12.804	162	296954	20.605	ng/ul	98
45) 2-Nitroaniline	13.028	65	64333	22.712	ng/ul	92
47) Dimethylphthalate	13.434	163	387959	20.687	ng/ul	99
48) 2,6-Dinitrotoluene	13.545	165	70577	22.579	ng/ul	97
50) Acenaphthylene	13.669	152	455432	20.755	ng/ul	99
51) 3-Nitroaniline	13.875	138	71860	22.198	ng/ul	97
52) Acenaphthene	14.022	153	325693	20.622	ng/ul	96
53) 2,4-Dinitrophenol	14.087	184	42351	19.397	ng/ul	98
55) 4-Nitrophenol	14.204	109	61971	21.256	ng/ul	96
56) Dibenzofuran	14.363	168	466745	20.785	ng/ul	95
57) 2,4-Dinitrotoluene	14.345	165	112506	22.682	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.598	232	100984	20.852	ng/ul#	98
59) Diethylphthalate	14.828	149	381174	20.796	ng/ul	99
61) Fluorene	15.022	166	376175	20.794	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.028	204	192261	20.800	ng/ul	97
63) 4-Nitroaniline	15.051	138	75640	24.092	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.116	198	74098	22.982	ng/ul	99
67) N-Nitrosodiphenylamine	15.245	169	322996	21.548	ng/ul	97
68) 4-Bromophenyl-phenylether	15.928	248	121620	21.314	ng/ul	97
69) Hexachlorobenzene	16.028	284	143066	21.122	ng/ul	99
70) Atrazine	16.222	200	121690	22.730	ng/ul	97
71) Pentachlorophenol	16.381	266	92388	21.484	ng/ul	98
72) Phenanthrene	16.763	178	615657	21.193	ng/ul	99
74) Anthracene	16.857	178	626180	21.349	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.728	216	158798	21.227	ng/uL	100
76) Pentachlorobenzene	14.281	250	166738	21.650	ng/uL	100
77) Carbazole	17.133	167	561863	23.020	ng/ul	99
78) Di-n-butylphthalate	17.733	149	619260	21.796	ng/ul	99
80) Fluoranthene	18.804	202	734665	20.410	ng/ul	99
82) Pyrene	19.175	202	779947	20.205	ng/ul	98
83) Butylbenzylphthalate	20.127	149	240483	22.104	ng/ul	99
84) 3,3'-Dichlorobenzidine	20.904	252	220773	21.325	ng/ul	100
85) Benzo(a)anthracene	20.957	228	816157	20.937	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	20.933	149	384295	22.402	ng/ul	99
87) Chrysene	21.016	228	770753	20.520	ng/ul	97
89) Di-n-octyl phthalate	21.963	149	655126	21.061	ng/ul	100
90) Benzo(b)fluoranthene	22.810	252	831476	21.080	ng/ul	100
91) Benzo(k)fluoranthene	22.868	252	843059	20.873	ng/ul	99
93) Benzo(a)pyrene	23.521	252	789154	21.317	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.586	276	921854	20.876	ng/ul	99
95) Dibenzo(a,h)anthracene	26.639	278	743711	20.787	ng/ul	99
96) Benzo(g,h,i)perylene	27.492	276	687262	20.506	ng/ul	99

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

