

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040924\
 Data File : BN030788.D
 Acq On : 09 Apr 2024 09:20
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020350

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/10/2024
 Supervised By :mohammad ahmed 04/10/2024

Quant Time: Apr 09 12:14:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 09 12:10:11 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.681	152	206534	20.000	ng/u1	0.00
20) Naphthalene-d8	10.463	136	990199	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.322	164	694594	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.075	188	1523656	20.000	ng/u1	0.00
79) Chrysene-d12	21.310	240	1400804	20.000	ng/u1	0.00
88) Perylene-d12	24.239	264	1534078	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	37464	8.505	ng/uL	0.00
4) Pyridine-d5	3.593	84	273129	20.679	ng/u1	0.00
7) Phenol-d5	6.852	99	355724	21.291	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.016	67	222905	21.601	ng/u1	0.00
11) 2-Chlorophenol-d4	7.210	132	287432	22.678	ng/u1	0.00
15) 4-Methylphenol-d8	8.387	113	305344	21.806	ng/u1	0.00
21) Nitrobenzene-d5	8.834	128	150140	21.858	ng/u1	0.00
24) 2-Nitrophenol-d4	9.552	143	151690	24.140	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	316191	22.984	ng/u1	0.00
31) 4-Chloroaniline-d4	10.604	131	460687	20.341	ng/u1	0.00
46) Dimethylphthalate-d6	13.740	166	1012642	21.836	ng/u1	0.00
49) Acenaphthylene-d8	14.016	160	1175068	22.038	ng/u1	0.00
54) 4-Nitrophenol-d4	14.534	143	185299	20.889	ng/u1	0.00
60) Fluorene-d10	15.316	176	911482	22.460	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.439	200	142244	21.151	ng/u1	0.00
73) Anthracene-d10	17.169	188	1422527	21.669	ng/u1	0.00
81) Pyrene-d10	19.469	212	1698895	22.558	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.039	264	1554199	21.987	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.222	88	40258	8.531	ng/uL	96
5) Pyridine	3.617	79	280964	21.082	ng/u1	100
6) Benzaldehyde	6.828	77	195115	25.077	ng/u1	100
8) Phenol	6.875	94	374058	21.491	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.111	93	308794	21.756	ng/u1	99
12) 2-Chlorophenol	7.246	128	305456	22.466	ng/u1	97
13) 2-Methylphenol	8.122	108	290084	21.629	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.205	45	420342	21.032	ng/u1	99
16) Acetophenone	8.499	105	492130	22.260	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.487	70	244035	21.916	ng/u1	98
18) 4-Methylphenol	8.446	108	328431	21.874	ng/u1	100
19) Hexachloroethane	8.746	117	124219	21.791	ng/u1	98
22) Nitrobenzene	8.875	77	355586	21.206	ng/u1	97
23) Isophorone	9.399	82	703322	21.032	ng/u1	99
25) 2-Nitrophenol	9.581	139	172420	23.347	ng/u1	98
26) 2,4-Dimethylphenol	9.646	107	366309	22.317	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.887	93	448639	21.101	ng/u1	100
29) 2,4-Dichlorophenol	10.110	162	319899	22.782	ng/u1	97
30) Naphthalene	10.510	128	1092234	21.507	ng/u1	100
32) 4-Chloroaniline	10.628	127	447741	20.514	ng/u1	99
33) Hexachlorobutadiene	10.793	225	185896	21.033	ng/u1	97
34) Caprolactam	11.404	113	106107m	20.227	ng/u1	
35) 4-Chloro-3-methylphenol	11.751	107	363270	22.970	ng/u1	99
36) 2-Methylnaphthalene	12.128	142	783193	22.082	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.351	142	788596	21.903	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.498	216	389171	21.711	ng/ul	98
40) Hexachlorocyclopentadiene	12.475	237	199182	19.566	ng/ul	97
41) 2,4,6-Trichlorophenol	12.746	196	265749	23.725	ng/ul	98
42) 2,4,5-Trichlorophenol	12.816	196	285960	22.605	ng/ul	98
43) 1,1'-Biphenyl	13.151	154	1040004	21.967	ng/ul	97
44) 2-Chloronaphthalene	13.193	162	816272	21.902	ng/ul	99
45) 2-Nitroaniline	13.404	65	219885	22.170	ng/ul	99
47) Dimethylphthalate	13.787	163	1043028	21.773	ng/ul	99
48) 2,6-Dinitrotoluene	13.904	165	202186	22.764	ng/ul	96
50) Acenaphthylene	14.045	152	1363926	22.139	ng/ul	99
51) 3-Nitroaniline	14.240	138	230263	24.425	ng/ul	97
52) Acenaphthene	14.387	153	898322	21.881	ng/ul	97
53) 2,4-Dinitrophenol	14.440	184	81509	19.980	ng/ul	96
55) 4-Nitrophenol	14.545	109	147452	20.981	ng/ul	98
56) Dibenzofuran	14.722	168	1269139	22.238	ng/ul	100
57) 2,4-Dinitrotoluene	14.692	165	312158	24.073	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.951	232	246437	23.456	ng/ul	98
59) Diethylphthalate	15.157	149	1084129	22.276	ng/ul	99
61) Fluorene	15.375	166	1048444	23.113	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.375	204	504451	22.667	ng/ul	99
63) 4-Nitroaniline	15.404	138	249181	27.188	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.451	198	157951	21.858	ng/ul	99
67) N-Nitrosodiphenylamine	15.587	169	887938	21.399	ng/ul	97
68) 4-Bromophenyl-phenylether	16.269	248	302677	20.920	ng/ul	93
69) Hexachlorobenzene	16.369	284	369642	21.697	ng/ul	98
70) Atrazine	16.545	200	301083	20.934	ng/ul	98
71) Pentachlorophenol	16.722	266	222007	22.101	ng/ul	96
72) Phenanthrene	17.116	178	1723669	22.019	ng/ul	99
74) Anthracene	17.204	178	1757883	22.213	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.110	216	398039	21.264	ng/ul	97
76) Pentachlorobenzene	14.640	250	403733	21.234	ng/ul	96
77) Carbazole	17.481	167	1600791	23.066	ng/ul	100
78) Di-n-butylphthalate	18.045	149	1908411	22.541	ng/ul	100
80) Fluoranthene	19.133	202	2027153	22.643	ng/ul	98
82) Pyrene	19.498	202	2155111	22.793	ng/ul	100
83) Butylbenzylphthalate	20.410	149	863780	23.922	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.222	252	532488	20.688	ng/ul	95
85) Benzo(a)anthracene	21.292	228	2079417	22.243	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.222	149	1322110	24.829	ng/ul	99
87) Chrysene	21.351	228	2015351	22.839	ng/ul	99
89) Di-n-octyl phthalate	22.333	149	2194938	22.594	ng/ul	100
90) Benzo(b)fluoranthene	23.316	252	2024348	22.422	ng/ul	99
91) Benzo(k)fluoranthene	23.374	252	2053178	22.393	ng/ul	97
93) Benzo(a)pyrene	24.104	252	1861713	21.829	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.533	276	1953883	21.194	ng/ul	100
95) Dibenzo(a,h)anthracene	27.586	278	1644083	21.184	ng/ul	96
96) Benzo(g,h,i)perylene	28.562	276	1546777	21.371	ng/ul	96

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

