

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040424\
 Data File : BN030635.D
 Acq On : 03 Apr 2024 20:06
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020338

Quant Time: Apr 03 22:31:29 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Mar 31 12:24:07 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/04/2024
 Supervised By :mohammad ahmed 04/06/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	265152	20.000	ng/u1	0.00
20) Naphthalene-d8	10.475	136	1192171	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.333	164	768999	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.086	188	1648222	20.000	ng/u1	0.00
79) Chrysene-d12	21.321	240	1479077	20.000	ng/u1	0.00
88) Perylene-d12	24.268	264	1541793	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	48321	8.544	ng/uL	0.00
4) Pyridine-d5	3.599	84	364945	21.523	ng/u1	0.00
7) Phenol-d5	6.857	99	458398	21.371	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.034	67	276893	20.900	ng/u1	0.00
11) 2-Chlorophenol-d4	7.222	132	376890	23.162	ng/u1	0.00
15) 4-Methylphenol-d8	8.398	113	377156	20.980	ng/u1	0.00
21) Nitrobenzene-d5	8.845	128	188098	22.745	ng/u1	0.00
24) 2-Nitrophenol-d4	9.563	143	194319	25.685	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.098	165	376337	22.722	ng/u1	0.00
31) 4-Chloroaniline-d4	10.616	131	566920	20.791	ng/u1	0.00
46) Dimethylphthalate-d6	13.751	166	1115218	21.721	ng/u1	0.00
49) Acenaphthylene-d8	14.028	160	1341587	22.726	ng/u1	0.00
54) 4-Nitrophenol-d4	14.539	143	216136	22.008	ng/u1	0.00
60) Fluorene-d10	15.327	176	988058	21.992	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.451	200	153395	21.085	ng/u1	0.00
73) Anthracene-d10	17.180	188	1542114	21.715	ng/u1	0.00
81) Pyrene-d10	19.480	212	1765394	22.200	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.062	264	1609422	22.654	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.228	88	51434	8.490	ng/uL	97
5) Pyridine	3.616	79	364141	21.283	ng/u1	96
6) Benzaldehyde	6.840	77	264096	26.439	ng/u1	96
8) Phenol	6.887	94	473286	21.181	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.122	93	385613	21.162	ng/u1	98
12) 2-Chlorophenol	7.257	128	386469	22.141	ng/u1	97
13) 2-Methylphenol	8.134	108	366969	21.312	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.216	45	516598m	20.134	ng/u1	
16) Acetophenone	8.516	105	589285	20.762	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.498	70	291125	20.365	ng/u1	96
18) 4-Methylphenol	8.457	108	402287	20.870	ng/u1	98
19) Hexachloroethane	8.763	117	162495	22.204	ng/u1	98
22) Nitrobenzene	8.893	77	440363	21.813	ng/u1	99
23) Isophorone	9.416	82	844825	20.984	ng/u1	99
25) 2-Nitrophenol	9.598	139	217498	24.461	ng/u1	97
26) 2,4-Dimethylphenol	9.657	107	429990	21.758	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.898	93	529813	20.697	ng/u1	99
29) 2,4-Dichlorophenol	10.122	162	372560	22.038	ng/u1	99
30) Naphthalene	10.528	128	1316069	21.524	ng/u1	100
32) 4-Chloroaniline	10.640	127	547787	20.845	ng/u1	98
33) Hexachlorobutadiene	10.804	225	237102	22.282	ng/u1	97
34) Caprolactam	11.416	113	126640m	20.052	ng/u1	
35) 4-Chloro-3-methylphenol	11.763	107	406399	21.343	ng/u1	99
36) 2-Methylnaphthalene	12.139	142	896343	20.991	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.363	142	898020	20.717	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.510	216	455997	22.977	ng/ul	98
40) Hexachlorocyclopentadiene	12.492	237	240147	21.308	ng/ul	99
41) 2,4,6-Trichlorophenol	12.757	196	298567	24.075	ng/ul	98
42) 2,4,5-Trichlorophenol	12.828	196	325468	23.239	ng/ul	96
43) 1,1'-Biphenyl	13.169	154	1152439	21.987	ng/ul	99
44) 2-Chloronaphthalene	13.204	162	927347	22.475	ng/ul	99
45) 2-Nitroaniline	13.416	65	254073	23.138	ng/ul	99
47) Dimethylphthalate	13.798	163	1143596	21.562	ng/ul	100
48) 2,6-Dinitrotoluene	13.916	165	229813	23.371	ng/ul	95
50) Acenaphthylene	14.057	152	1543176	22.625	ng/ul	99
51) 3-Nitroaniline	14.245	138	247701	23.732	ng/ul	98
52) Acenaphthene	14.398	153	994205	21.873	ng/ul	98
53) 2,4-Dinitrophenol	14.451	184	90769	20.097	ng/ul	96
55) 4-Nitrophenol	14.551	109	170209	21.876	ng/ul	97
56) Dibenzofuran	14.733	168	1360305	21.530	ng/ul	99
57) 2,4-Dinitrotoluene	14.704	165	336943	23.470	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.963	232	275397	23.677	ng/ul	98
59) Diethylphthalate	15.169	149	1153112	21.401	ng/ul	98
61) Fluorene	15.386	166	1084320	21.591	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.386	204	521917	21.182	ng/ul	97
63) 4-Nitroaniline	15.410	138	255334	25.164	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.463	198	164596	21.056	ng/ul	99
67) N-Nitrosodiphenylamine	15.598	169	954389	21.262	ng/ul	99
68) 4-Bromophenyl-phenylether	16.280	248	330101	21.091	ng/ul	96
69) Hexachlorobenzene	16.380	284	377429	20.479	ng/ul	95
70) Atrazine	16.557	200	337413	21.687	ng/ul	97
71) Pentachlorophenol	16.733	266	241037	22.182	ng/ul	94
72) Phenanthrene	17.127	178	1806411	21.332	ng/ul	98
74) Anthracene	17.216	178	1847383	21.580	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.122	216	455128	22.476	ng/ul	98
76) Pentachlorobenzene	14.651	250	436502	21.223	ng/ul	91
77) Carbazole	17.492	167	1676827	22.336	ng/ul	98
78) Di-n-butylphthalate	18.063	149	2058076	22.472	ng/ul	100
80) Fluoranthene	19.145	202	2142175	22.661	ng/ul	98
82) Pyrene	19.515	202	2208055	22.117	ng/ul	98
83) Butylbenzylphthalate	20.427	149	956061	25.077	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.233	252	692072	25.465	ng/ul	99
85) Benzo(a)anthracene	21.304	228	2244548	22.739	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.239	149	1412867	25.129	ng/ul	98
87) Chrysene	21.368	228	2056848	22.076	ng/ul	99
89) Di-n-octyl phthalate	22.357	149	2437671	24.967	ng/ul	100
90) Benzo(b)fluoranthene	23.333	252	2056577	22.665	ng/ul	99
91) Benzo(k)fluoranthene	23.398	252	2064714	22.406	ng/ul	99
93) Benzo(a)pyrene	24.127	252	1876718	21.895	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	27.562	276	1929737	20.827	ng/ul	100
95) Dibenzo(a,h)anthracene	27.633	278	1613503	20.686	ng/ul	95
96) Benzo(g,h,i)perylene	28.603	276	1508937	20.744	ng/ul	95

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

