

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040724\
 Data File : BN030763.D
 Acq On : 08 Apr 2024 05:47
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020349

Quant Time: Apr 08 06:57:22 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 04/09/2024
 Supervised By :mohammad ahmed 04/09/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	195669	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.469	136	930937	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.328	164	656096	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.075	188	1420274	20.000	ng/u1	-0.01
79) Chrysene-d12	21.316	240	1438678	20.000	ng/u1	-0.01
88) Perylene-d12	24.251	264	1636783	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	35201	8.435	ng/uL	-0.01
4) Pyridine-d5	3.593	84	258658	20.671	ng/u1	0.00
7) Phenol-d5	6.852	99	342402	21.632	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.022	67	203762	20.842	ng/u1	-0.02
11) 2-Chlorophenol-d4	7.216	132	277375	23.100	ng/u1	-0.01
15) 4-Methylphenol-d8	8.387	113	294914	22.231	ng/u1	-0.01
21) Nitrobenzene-d5	8.840	128	148822	23.045	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.557	143	161794	27.387	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.087	165	305061	23.587	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.604	131	458676	21.542	ng/u1	-0.02
46) Dimethylphthalate-d6	13.745	166	978885	22.347	ng/u1	-0.01
49) Acenaphthylene-d8	14.016	160	1120274	22.243	ng/u1	-0.02
54) 4-Nitrophenol-d4	14.534	143	198407	23.679	ng/u1	0.00
60) Fluorene-d10	15.322	176	845206	22.049	ng/u1	-0.02
65) 4,6-Dinitro-2-methylph...	15.445	200	151434	24.156	ng/u1	0.00
73) Anthracene-d10	17.175	188	1374053	22.454	ng/u1	-0.01
81) Pyrene-d10	19.475	212	1672706	21.625	ng/u1	-0.01
92) Benzo(a)pyrene-d12	24.051	264	1716417	22.758	ng/u1	-0.02
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.222	88	35113	7.854	ng/uL	94
5) Pyridine	3.617	79	259422	20.546	ng/u1	99
6) Benzaldehyde	6.834	77	197761	26.829	ng/u1	98
8) Phenol	6.881	94	351361	21.308	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.116	93	286725	21.323	ng/u1	100
12) 2-Chlorophenol	7.246	128	289954	22.510	ng/u1	96
13) 2-Methylphenol	8.122	108	279266	21.978	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.205	45	377547	19.940	ng/u1	98
16) Acetophenone	8.505	105	459386	21.933	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.493	70	230321	21.833	ng/u1	97
18) 4-Methylphenol	8.452	108	310665	21.840	ng/u1	100
19) Hexachloroethane	8.752	117	117499	21.757	ng/u1	99
22) Nitrobenzene	8.881	77	345726	21.931	ng/u1	99
23) Isophorone	9.404	82	687194	21.858	ng/u1	99
25) 2-Nitrophenol	9.587	139	172435	24.835	ng/u1	98
26) 2,4-Dimethylphenol	9.646	107	343086	22.232	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.887	93	424414	21.232	ng/u1	99
29) 2,4-Dichlorophenol	10.116	162	301769	22.859	ng/u1	98
30) Naphthalene	10.516	128	1031912	21.613	ng/u1	99
32) 4-Chloroaniline	10.634	127	444671	21.670	ng/u1	98
33) Hexachlorobutadiene	10.799	225	181890	21.890	ng/u1	99
34) Caprolactam	11.404	113	111173m	22.542	ng/u1	
35) 4-Chloro-3-methylphenol	11.757	107	353221	23.756	ng/u1	99
36) 2-Methylnaphthalene	12.134	142	726290	21.782	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.357	142	737005	21.774	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.504	216	376311	22.225	ng/ul	98
40) Hexachlorocyclopentadiene	12.481	237	198564	20.650	ng/ul	99
41) 2,4,6-Trichlorophenol	12.751	196	255314	24.130	ng/ul	98
42) 2,4,5-Trichlorophenol	12.816	196	282019	23.602	ng/ul	96
43) 1,1'-Biphenyl	13.157	154	965774	21.596	ng/ul	97
44) 2-Chloronaphthalene	13.198	162	778344	22.110	ng/ul	99
45) 2-Nitroaniline	13.410	65	224365	23.949	ng/ul	97
47) Dimethylphthalate	13.792	163	1004597	22.201	ng/ul	99
48) 2,6-Dinitrotoluene	13.910	165	202679	24.158	ng/ul	94
50) Acenaphthylene	14.045	152	1317826	22.646	ng/ul	100
51) 3-Nitroaniline	14.240	138	216196	24.278	ng/ul	97
52) Acenaphthene	14.392	153	857003	22.099	ng/ul	98
53) 2,4-Dinitrophenol	14.445	184	90944	23.601	ng/ul	95
55) 4-Nitrophenol	14.551	109	154124	23.217	ng/ul	99
56) Dibenzofuran	14.728	168	1180211	21.894	ng/ul	99
57) 2,4-Dinitrotoluene	14.698	165	308643	25.198	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	14.951	232	251998	25.393	ng/ul	97
59) Diethylphthalate	15.163	149	1039646	22.616	ng/ul	100
61) Fluorene	15.381	166	967621	22.583	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.375	204	464081	22.076	ng/ul	95
63) 4-Nitroaniline	15.404	138	230009	26.568	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.457	198	162616	24.141	ng/ul	98
67) N-Nitrosodiphenylamine	15.592	169	857665	22.174	ng/ul	97
68) 4-Bromophenyl-phenylether	16.269	248	303704	22.519	ng/ul	94
69) Hexachlorobenzene	16.375	284	344852	21.715	ng/ul	96
70) Atrazine	16.551	200	308139	22.984	ng/ul	99
71) Pentachlorophenol	16.722	266	228519	24.406	ng/ul	98
72) Phenanthrene	17.116	178	1616081	22.147	ng/ul	99
74) Anthracene	17.210	178	1660414	22.509	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.116	216	379256	21.736	ng/uL	100
76) Pentachlorobenzene	14.639	250	382468	21.580	ng/uL	91
77) Carbazole	17.480	167	1535198	23.731	ng/ul	98
78) Di-n-butylphthalate	18.051	149	1911757	24.224	ng/ul	100
80) Fluoranthene	19.139	202	1947510	21.180	ng/ul	98
82) Pyrene	19.504	202	2037734	20.984	ng/ul	100
83) Butylbenzylphthalate	20.416	149	932515	25.146	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.227	252	682895	25.833	ng/ul	97
85) Benzo(a)anthracene	21.298	228	2069561	21.555	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.227	149	1350904	24.702	ng/ul	98
87) Chrysene	21.357	228	1999477	22.063	ng/ul	98
89) Di-n-octyl phthalate	22.339	149	2394855	23.105	ng/ul	100
90) Benzo(b)fluoranthene	23.321	252	2104121	21.844	ng/ul	100
91) Benzo(k)fluoranthene	23.386	252	2152177	22.000	ng/ul	98
93) Benzo(a)pyrene	24.110	252	1963771	21.581	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.545	276	2242668	22.800	ng/ul	98
95) Dibenzo(a,h)anthracene	27.609	278	1862559	22.493	ng/ul	97
96) Benzo(g,h,i)perylene	28.574	276	1744659	22.593	ng/ul	99

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

