

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032324\
 Data File : BN030468.D
 Acq On : 22 Mar 2024 15:37
 Operator : MA/JU
 Sample : SSTD04029
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD040207

Quant Time: Mar 22 16:23:37 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032324.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 22 16:13:27 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/25/2024
 Supervised By :mohammad ahmed 03/26/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	315638	20.000	ng/u1	0.00
20) Naphthalene-d8	10.516	136	1591987	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.369	164	1106877	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.116	188	2371063	20.000	ng/u1	0.00
79) Chrysene-d12	21.357	240	2251002	20.000	ng/u1	0.00
88) Perylene-d12	24.333	264	2486776	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.216	96	117033	13.796	ng/uL	0.00
4) Pyridine-d5	3.616	84	953432	38.312	ng/u1	0.00
7) Phenol-d5	6.887	99	1164939	38.191	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.069	67	750275	39.946	ng/u1	0.00
11) 2-Chlorophenol-d4	7.257	132	847489	38.311	ng/u1	0.00
15) 4-Methylphenol-d8	8.428	113	980070	40.477	ng/u1	0.00
21) Nitrobenzene-d5	8.887	128	455928	38.263	ng/u1	0.00
24) 2-Nitrophenol-d4	9.598	143	435820	41.213	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.128	165	923542	38.637	ng/u1	0.00
31) 4-Chloroaniline-d4	10.651	131	1569450	39.607	ng/u1	0.00
46) Dimethylphthalate-d6	13.786	166	3109942	36.227	ng/u1	0.00
49) Acenaphthylene-d8	14.057	160	3558949	35.810	ng/u1	0.00
54) 4-Nitrophenol-d4	14.563	143	627034	38.461	ng/u1	0.00
60) Fluorene-d10	15.363	176	2647036	36.313	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.480	200	401983	38.183	ng/u1	0.00
73) Anthracene-d10	17.216	188	4187968	36.951	ng/u1	0.00
81) Pyrene-d10	19.516	212	4784500	35.716	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.127	264	4960076	38.523	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.252	88	123605	14.097	ng/uL	99
5) Pyridine	3.640	79	939163	37.485	ng/u1	98
6) Benzaldehyde	6.875	77	614889	42.738	ng/u1	99
8) Phenol	6.916	94	1221741	39.222	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.163	93	1017049	39.718	ng/u1	96
12) 2-Chlorophenol	7.293	128	897221	38.848	ng/u1	97
13) 2-Methylphenol	8.163	108	948117	40.140	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.251	45	1412433	41.354	ng/u1	99
16) Acetophenone	8.551	105	1609542	41.953	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.540	70	865049	42.827	ng/u1	98
18) 4-Methylphenol	8.493	108	1065410	41.270	ng/u1	96
19) Hexachloroethane	8.804	117	360086	37.820	ng/u1	97
22) Nitrobenzene	8.928	77	1173654	38.448	ng/u1	97
23) Isophorone	9.451	82	2565632	38.865	ng/u1	100
25) 2-Nitrophenol	9.634	139	515862	41.397	ng/u1	96
26) 2,4-Dimethylphenol	9.693	107	1156116	39.262	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.940	93	1518718	38.149	ng/u1	98
29) 2,4-Dichlorophenol	10.157	162	921491	38.224	ng/u1	98
30) Naphthalene	10.563	128	3269109	36.379	ng/u1	99
32) 4-Chloroaniline	10.675	127	1515132	39.636	ng/u1	98
33) Hexachlorobutadiene	10.851	225	518736	35.522	ng/u1	96
34) Caprolactam	11.445	113	395960m	41.197	ng/u1	
35) 4-Chloro-3-methylphenol	11.798	107	1144761	39.957	ng/u1	98
36) 2-Methylnaphthalene	12.181	142	2336750	38.094	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.398	142	2338874	38.496	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.545	216	1095671	33.729	ng/ul	97
40) Hexachlorocyclopentadiene	12.528	237	612571	33.648	ng/ul	98
41) 2,4,6-Trichlorophenol	12.792	196	754900	36.918	ng/ul	99
42) 2,4,5-Trichlorophenol	12.857	196	829034	37.276	ng/ul	99
43) 1,1'-Biphenyl	13.204	154	3060881	35.200	ng/ul	95
44) 2-Chloronaphthalene	13.239	162	2394796	35.030	ng/ul	98
45) 2-Nitroaniline	13.445	65	754504	41.646	ng/ul	98
47) Dimethylphthalate	13.834	163	3247595	37.216	ng/ul	99
48) 2,6-Dinitrotoluene	13.951	165	634820	42.320	ng/ul	93
50) Acenaphthylene	14.092	152	4158590	36.282	ng/ul	100
51) 3-Nitroaniline	14.275	138	651525	37.519	ng/ul	98
52) Acenaphthene	14.434	153	2677538	35.728	ng/ul	99
53) 2,4-Dinitrophenol	14.475	184	242670	35.699	ng/ul	97
55) 4-Nitrophenol	14.581	109	483676	38.372	ng/ul	96
56) Dibenzofuran	14.769	168	3655554	35.957	ng/ul	99
57) 2,4-Dinitrotoluene	14.733	165	919745	41.935	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.986	232	705850	38.530	ng/ul	98
59) Diethylphthalate	15.210	149	3314685	37.231	ng/ul	99
61) Fluorene	15.422	166	3006555	36.729	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.422	204	1452805	36.955	ng/ul	98
63) 4-Nitroaniline	15.445	138	667756	39.803	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.492	198	448887	37.204	ng/ul	96
67) N-Nitrosodiphenylamine	15.633	169	2665245	36.720	ng/ul	99
68) 4-Bromophenyl-phenylether	16.316	248	899961	37.594	ng/ul	96
69) Hexachlorobenzene	16.416	284	1052845	36.642	ng/ul	95
70) Atrazine	16.592	200	969275	41.162	ng/ul	96
71) Pentachlorophenol	16.757	266	644481	36.992	ng/ul	91
72) Phenanthrene	17.157	178	4933167	37.084	ng/ul	99
74) Anthracene	17.251	178	5102696	37.724	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.157	216	1126911	34.895	ng/ul	94
76) Pentachlorobenzene	14.681	250	1148456	35.947	ng/ul	93
77) Carbazole	17.522	167	4708457	39.257	ng/ul	99
78) Di-n-butylphthalate	18.098	149	5950797	39.260	ng/ul	99
80) Fluoranthene	19.180	202	5853168	36.072	ng/ul	98
82) Pyrene	19.539	202	6031576	35.879	ng/ul	99
83) Butylbenzylphthalate	20.463	149	2700803	41.487	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.268	252	2025025	40.478	ng/ul	99
85) Benzo(a)anthracene	21.339	228	6219779	37.473	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.292	149	4208024	41.686	ng/ul	99
87) Chrysene	21.404	228	5666706	37.171	ng/ul	97
89) Di-n-octyl phthalate	22.427	149	6884698	38.744	ng/ul	100
90) Benzo(b)fluoranthene	23.392	252	6027096	37.332	ng/ul	99
91) Benzo(k)fluoranthene	23.457	252	6322034	38.966	ng/ul	97
93) Benzo(a)pyrene	24.192	252	5865688	38.831	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.680	276	6796872m	41.280	ng/ul	
95) Dibenzo(a,h)anthracene	27.739	278	5631542	40.794	ng/ul	98
96) Benzo(g,h,i)perylene	28.721	276	5335207	41.008	ng/ul	97

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

