

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120624\
 Data File : BN035452.D
 Acq On : 06 Dec 2024 08:41
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020355

Quant Time: Dec 06 09:50:06 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	105504	20.000	ng/u1	0.00
20) Naphthalene-d8	10.046	136	457303	20.000	ng/u1	0.00
38) Acenaphthene-d10	13.957	164	353690	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.728	188	761236	20.000	ng/u1	0.00
79) Chrysene-d12	20.980	240	719371	20.000	ng/u1	0.00
88) Perylene-d12	23.651	264	847657	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.958	96	18310	8.200	ng/uL	0.00
4) Pyridine-d5	3.340	84	128598	21.850	ng/u1	0.00
7) Phenol-d5	6.499	99	160951	21.414	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.657	67	89727	21.407	ng/u1	0.00
11) 2-Chlorophenol-d4	6.840	132	132901	20.867	ng/u1	0.00
15) 4-Methylphenol-d8	8.016	113	141188	21.555	ng/u1	0.00
21) Nitrobenzene-d5	8.434	128	68120	22.928	ng/u1	0.00
24) 2-Nitrophenol-d4	9.146	143	79066	22.992	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.681	165	159209	21.182	ng/u1	0.00
31) 4-Chloroaniline-d4	10.193	131	206863	22.290	ng/u1	0.00
46) Dimethylphthalate-d6	13.387	166	523739	20.623	ng/u1	0.00
49) Acenaphthylene-d8	13.645	160	587497	21.006	ng/u1	0.00
54) 4-Nitrophenol-d4	14.192	143	92411	22.098	ng/u1	0.00
60) Fluorene-d10	14.969	176	457704	20.869	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.104	200	93414	23.268	ng/u1	0.00
73) Anthracene-d10	16.822	188	710136	21.151	ng/u1	0.00
81) Pyrene-d10	19.145	212	827579	21.782	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.468	264	875322	21.325	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	2.993	88	19557	7.811	ng/uL#	92
5) Pyridine	3.358	79	131327	22.252	ng/u1	94
6) Benzaldehyde	6.457	77	105919	26.127	ng/u1	99
8) Phenol	6.528	94	166218	21.353	ng/u1	97
10) Bis(2-Chloroethyl)ether	6.746	93	130262	21.375	ng/u1	99
12) 2-Chlorophenol	6.869	128	136805	20.640	ng/u1	99
13) 2-Methylphenol	7.746	108	131058	21.684	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	7.822	45	104681	21.733	ng/u1	99
16) Acetophenone	8.110	105	227234	21.967	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.110	70	104296	21.208	ng/u1	98
18) 4-Methylphenol	8.075	108	146204	21.770	ng/u1	100
19) Hexachloroethane	8.346	117	57536	20.317	ng/u1	98
22) Nitrobenzene	8.475	77	164581	22.054	ng/u1	99
23) Isophorone	9.004	82	314638	21.040	ng/u1	97
25) 2-Nitrophenol	9.181	139	87286	22.403	ng/u1	96
26) 2,4-Dimethylphenol	9.257	107	164454	21.058	ng/u1	95
27) Bis(2-Chloroethoxy)met...	9.493	93	187260	20.556	ng/u1	97
29) 2,4-Dichlorophenol	9.704	162	162557	21.375	ng/u1	96
30) Naphthalene	10.093	128	473997	20.395	ng/u1	99
32) 4-Chloroaniline	10.216	127	197252	22.187	ng/u1	97
33) Hexachlorobutadiene	10.393	225	110171	20.526	ng/u1	99
34) Caprolactam	10.993	113	48727m	22.175	ng/u1	
35) 4-Chloro-3-methylphenol	11.357	107	169170	21.354	ng/u1	97
36) 2-Methylnaphthalene	11.722	142	363560	21.007	ng/u1	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	11.951	142	367644	20.722	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.104	216	215752	20.699	ng/ul	94
40) Hexachlorocyclopentadiene	12.087	237	113433	21.662	ng/ul	94
41) 2,4,6-Trichlorophenol	12.363	196	143598	21.244	ng/ul	94
42) 2,4,5-Trichlorophenol	12.434	196	158210	21.008	ng/ul	97
43) 1,1'-Biphenyl	12.775	154	503736	20.637	ng/ul	95
44) 2-Chloronaphthalene	12.810	162	398773	20.424	ng/ul	98
45) 2-Nitroaniline	13.028	65	91838	23.932	ng/ul	97
47) Dimethylphthalate	13.434	163	530481	20.879	ng/ul	98
48) 2,6-Dinitrotoluene	13.551	165	100225	23.668	ng/ul	100
50) Acenaphthylene	13.669	152	609250	20.495	ng/ul	98
51) 3-Nitroaniline	13.875	138	101538	23.152	ng/ul	95
52) Acenaphthene	14.022	153	436257	20.389	ng/ul	99
53) 2,4-Dinitrophenol	14.086	184	63041	21.313	ng/ul	97
55) 4-Nitrophenol	14.210	109	86343	21.860	ng/ul	93
56) Dibenzofuran	14.363	168	619439	20.361	ng/ul	98
57) 2,4-Dinitrotoluene	14.345	165	154784	23.034	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	14.604	232	137989	21.033	ng/ul	96
59) Diethylphthalate	14.828	149	517299	20.833	ng/ul	99
61) Fluorene	15.022	166	500843	20.436	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.034	204	254117	20.293	ng/ul	98
63) 4-Nitroaniline	15.057	138	103423m	24.316	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.116	198	103018	23.683	ng/ul	97
67) N-Nitrosodiphenylamine	15.251	169	437754	21.646	ng/ul	100
68) 4-Bromophenyl-phenylether	15.928	248	162782	21.145	ng/ul	97
69) Hexachlorobenzene	16.033	284	191610	20.968	ng/ul	96
70) Atrazine	16.228	200	166794	23.092	ng/ul	99
71) Pentachlorophenol	16.380	266	127788	22.026	ng/ul	94
72) Phenanthrene	16.769	178	804265	20.520	ng/ul	99
74) Anthracene	16.857	178	821594	20.762	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	12.734	216	216940	21.494	ng/uL	98
76) Pentachlorobenzene	14.286	250	223165	21.478	ng/uL	98
77) Carbazole	17.139	167	736122	22.355	ng/ul	99
78) Di-n-butylphthalate	17.739	149	839223	21.894	ng/ul	99
80) Fluoranthene	18.810	202	971284	21.781	ng/ul	98
82) Pyrene	19.174	202	1015503	21.235	ng/ul	99
83) Butylbenzylphthalate	20.127	149	323085	23.971	ng/ul	100
84) 3,3'-Dichlorobenzidine	20.910	252	298576	23.279	ng/ul	98
85) Benzo(a)anthracene	20.963	228	1011454	20.944	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	20.933	149	501317	23.589	ng/ul	98
87) Chrysene	21.016	228	960879	20.650	ng/ul	97
89) Di-n-octyl phthalate	21.963	149	848172	22.013	ng/ul	100
90) Benzo(b)fluoranthene	22.815	252	1019138	20.858	ng/ul	100
91) Benzo(k)fluoranthene	22.868	252	1074831	21.483	ng/ul	99
93) Benzo(a)pyrene	23.521	252	964728	21.038	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.592	276	1120998	20.494	ng/ul	99
95) Dibenzo(a,h)anthracene	26.645	278	902576	20.365	ng/ul	98
96) Benzo(g,h,i)perylene	27.503	276	842571	20.295	ng/ul	99

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

