

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081424\
 Data File : BN033372.D
 Acq On : 13 Aug 2024 20:48
 Operator : MA/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SICV216

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/15/2024

Quant Time: Aug 14 02:15:43 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081424.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 14 02:12:11 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.569	152	243595	20.000	ng/u1	0.00
20) Naphthalene-d8	10.334	136	1173081	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.210	164	856213	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.963	188	1929521	20.000	ng/u1	0.00
79) Chrysene-d12	21.192	240	1909585	20.000	ng/u1	0.00
88) Perylene-d12	24.027	264	2280672	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.158	96	40361	6.760	ng/uL	0.00
4) Pyridine-d5	3.540	84	334317	18.453	ng/u1	0.00
7) Phenol-d5	6.746	99	427980	19.155	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.916	67	300764	20.994	ng/u1	0.00
11) 2-Chlorophenol-d4	7.105	132	336563	19.982	ng/u1	0.00
15) 4-Methylphenol-d8	8.269	113	373014	20.189	ng/u1	0.00
21) Nitrobenzene-d5	8.710	128	181183	20.293	ng/u1	0.00
24) 2-Nitrophenol-d4	9.428	143	173751	22.101	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.957	165	373235	21.325	ng/u1	0.00
31) 4-Chloroaniline-d4	10.469	131	572514	19.621	ng/u1	0.00
46) Dimethylphthalate-d6	13.634	166	1311548	20.128	ng/u1	0.00
49) Acenaphthylene-d8	13.898	160	1455251	19.948	ng/u1	0.00
54) 4-Nitrophenol-d4	14.410	143	262902	20.880	ng/u1	0.00
60) Fluorene-d10	15.210	176	1099040	19.666	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.328	200	176600	19.433	ng/u1	0.00
73) Anthracene-d10	17.057	188	1754657	19.180	ng/u1	0.00
81) Pyrene-d10	19.357	212	2102428	19.938	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.833	264	2350651	19.822	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.187	88	43877	7.004	ng/uL	96
5) Pyridine	3.558	79	315720	16.951	ng/u1	98
6) Benzaldehyde	6.716	77	260844	22.468	ng/u1	96
8) Phenol	6.775	94	437967	18.654	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.005	93	352371	18.848	ng/u1	98
12) 2-Chlorophenol	7.140	128	336396	19.144	ng/u1	99
13) 2-Methylphenol	8.010	108	337136	18.981	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.093	45	571122	18.819	ng/u1	99
16) Acetophenone	8.381	105	612189	20.403	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.375	70	316091	20.615	ng/u1	99
18) 4-Methylphenol	8.334	108	390686	19.650	ng/u1	100
19) Hexachloroethane	8.640	117	137590	18.738	ng/u1	94
22) Nitrobenzene	8.752	77	428276	19.077	ng/u1	97
23) Isophorone	9.281	82	895567	19.658	ng/u1	100
25) 2-Nitrophenol	9.457	139	192312	20.962	ng/u1	99
26) 2,4-Dimethylphenol	9.528	107	373053	17.179	ng/u1	96
27) Bis(2-Chloroethoxy)met...	9.769	93	536739	19.024	ng/u1	98
29) 2,4-Dichlorophenol	9.987	162	355136	19.619	ng/u1	99
30) Naphthalene	10.387	128	1226600	18.754	ng/u1	100
32) 4-Chloroaniline	10.493	127	561679	19.683	ng/u1	99
33) Hexachlorobutadiene	10.687	225	213482	18.867	ng/u1	98
34) Caprolactam	11.251	113	156270m	21.617	ng/u1	
35) 4-Chloro-3-methylphenol	11.628	107	431837	20.737	ng/u1	99
36) 2-Methylnaphthalene	12.004	142	912516	19.823	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.228	142	862056	18.528	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.381	216	450823	18.389	ng/ul	92
40) Hexachlorocyclopentadiene	12.369	237	235922	17.366	ng/ul	98
41) 2,4,6-Trichlorophenol	12.628	196	301295	20.030	ng/ul	99
42) 2,4,5-Trichlorophenol	12.692	196	338839	20.002	ng/ul	96
43) 1,1'-Biphenyl	13.040	154	1212976	18.784	ng/ul	99
44) 2-Chloronaphthalene	13.075	162	925350	18.485	ng/ul	98
45) 2-Nitroaniline	13.275	65	298461	20.752	ng/ul	97
47) Dimethylphthalate	13.681	163	1274391	19.483	ng/ul	99
48) 2,6-Dinitrotoluene	13.787	165	267749	22.523	ng/ul	97
50) Acenaphthylene	13.928	152	1552437	19.486	ng/ul	99
51) 3-Nitroaniline	14.110	138	309235	22.971	ng/ul	97
52) Acenaphthene	14.275	153	1057523	18.785	ng/ul	97
53) 2,4-Dinitrophenol	14.316	184	110915	18.887	ng/ul	98
55) 4-Nitrophenol	14.422	109	190728	19.342	ng/ul	98
56) Dibenzofuran	14.610	168	1492091	18.983	ng/ul	98
57) 2,4-Dinitrotoluene	14.575	165	378477	21.184	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.839	232	312661	22.712	ng/ul	97
59) Diethylphthalate	15.063	149	1338712	19.618	ng/ul	99
61) Fluorene	15.263	166	1222047	18.890	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.269	204	585318	18.857	ng/ul	99
63) 4-Nitroaniline	15.281	138	328819	23.732	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.339	198	198153	19.294	ng/ul	97
67) N-Nitrosodiphenylamine	15.481	169	1091693	18.814	ng/ul	96
68) 4-Bromophenyl-phenylether	16.163	248	374899	19.036	ng/ul	99
69) Hexachlorobenzene	16.269	284	428370	18.997	ng/ul	93
70) Atrazine	16.445	200	398459	18.457	ng/ul	98
71) Pentachlorophenol	16.610	266	271588	19.146	ng/ul	98
72) Phenanthrene	17.004	178	2011161	18.641	ng/ul	99
74) Anthracene	17.092	178	2053937	18.686	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.998	216	449223	17.268	ng/uL	97
76) Pentachlorobenzene	14.534	250	472219	17.638	ng/uL	97
77) Carbazole	17.363	167	1956604	19.308	ng/ul	99
78) Di-n-butylphthalate	17.957	149	2459738	19.435	ng/ul	99
80) Fluoranthene	19.027	202	2370399	19.225	ng/ul	99
82) Pyrene	19.386	202	2571798	19.245	ng/ul	100
83) Butylbenzylphthalate	20.327	149	1145654	21.395	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.110	252	972059	22.329	ng/ul	97
85) Benzo(a)anthracene	21.174	228	2598193	18.908	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.151	149	1814345	20.885	ng/ul	99
87) Chrysene	21.233	228	2442185	18.898	ng/ul	99
89) Di-n-octyl phthalate	22.239	149	3060335	20.834	ng/ul	100
90) Benzo(b)fluoranthene	23.139	252	2684939	18.937	ng/ul	98
91) Benzo(k)fluoranthene	23.198	252	2646133	18.799	ng/ul	99
93) Benzo(a)pyrene	23.898	252	2640584	19.652	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.180	276	3237138	19.413	ng/ul	96
95) Dibenzo(a,h)anthracene	27.239	278	2679024	19.618	ng/ul	97
96) Benzo(g,h,i)perylene	28.156	276	2422411	18.903	ng/ul	97

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

