

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042224\
 Data File : BP020096.D
 Acq On : 23 Apr 2024 06:28
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020775

Quant Time: Apr 23 06:59:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 23 01:17:52 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/26/2024
 Supervised By :mohammad ahmed 05/02/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.640	152	110188	20.000	ng/u1	0.00
20) Naphthalene-d8	10.410	136	456240	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.322	164	320485	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.175	188	702171	20.000	ng/u1	0.02
79) Chrysene-d12	21.669	240	675796	20.000	ng/u1	0.01
88) Perylene-d12	25.057	264	731515	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	20436	7.599	ng/uL	0.00
4) Pyridine-d5	3.634	84	151403	19.127	ng/u1	0.00
7) Phenol-d5	6.822	99	193504	20.150	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.993	67	125419	18.685	ng/u1	0.00
11) 2-Chlorophenol-d4	7.175	132	140952	21.497	ng/u1	0.00
15) 4-Methylphenol-d8	8.346	113	150407	20.050	ng/u1	0.00
21) Nitrobenzene-d5	8.799	128	70546	21.496	ng/u1	0.00
24) 2-Nitrophenol-d4	9.504	143	81888	23.084	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.046	165	156835	22.285	ng/u1	0.00
31) 4-Chloroaniline-d4	10.569	131	198709	21.151	ng/u1	0.00
46) Dimethylphthalate-d6	13.728	166	465464	21.252	ng/u1	0.00
49) Acenaphthylene-d8	14.004	160	544578	20.861	ng/u1	0.00
54) 4-Nitrophenol-d4	14.569	143	73170	21.946	ng/u1	0.01
60) Fluorene-d10	15.345	176	408808	20.968	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.504	200	71571	17.447	ng/u1	0.02
73) Anthracene-d10	17.275	188	656948	20.883	ng/u1	0.01
81) Pyrene-d10	19.674	212	807950	22.247	ng/u1	0.01
92) Benzo(a)pyrene-d12	24.833	264	749117	20.963	ng/u1	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.264	88	22378	7.403	ng/uL	94
5) Pyridine	3.652	79	153802	18.766	ng/u1	99
6) Benzaldehyde	6.810	77	129705	22.593	ng/u1	93
8) Phenol	6.852	94	201112	19.873	ng/u1	94
10) Bis(2-Chloroethyl)ether	7.081	93	159099	19.254	ng/u1	93
12) 2-Chlorophenol	7.210	128	145198	21.015	ng/u1	91
13) 2-Methylphenol	8.081	108	148440	20.015	ng/u1	94
14) 2,2'-oxybis(1-Chloropr...	8.163	45	229941	19.039	ng/u1	99
16) Acetophenone	8.463	105	256191	19.937	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.440	70	143006	19.051	ng/u1	94
18) 4-Methylphenol	8.410	108	158504	20.085	ng/u1	96
19) Hexachloroethane	8.693	117	70197	20.642	ng/u1	98
22) Nitrobenzene	8.840	77	212806	19.897	ng/u1	97
23) Isophorone	9.357	82	396160	19.957	ng/u1	98
25) 2-Nitrophenol	9.540	139	82906	21.941	ng/u1	94
26) 2,4-Dimethylphenol	9.599	107	185244	20.493	ng/u1	93
27) Bis(2-Chloroethoxy)met...	9.834	93	220288	19.792	ng/u1	97
29) 2,4-Dichlorophenol	10.069	162	150365	21.942	ng/u1	96
30) Naphthalene	10.463	128	488421	20.644	ng/u1	100
32) 4-Chloroaniline	10.593	127	196604	21.093	ng/u1	99
33) Hexachlorobutadiene	10.722	225	122256	21.696	ng/u1	98
34) Caprolactam	11.393	113	48462m	22.565	ng/u1	
35) 4-Chloro-3-methylphenol	11.722	107	180708	21.996	ng/u1	97
36) 2-Methylnaphthalene	12.087	142	340054	20.819	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.310	142	341031	21.025	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.463	216	220287	21.091	ng/ul	98
40) Hexachlorocyclopentadiene	12.422	237	172233	28.625	ng/ul	99
41) 2,4,6-Trichlorophenol	12.716	196	135943	21.723	ng/ul	97
42) 2,4,5-Trichlorophenol	12.798	196	145926	22.432	ng/ul	99
43) 1,1'-Biphenyl	13.128	154	465391	20.255	ng/ul	99
44) 2-Chloronaphthalene	13.175	162	380550	20.732	ng/ul	96
45) 2-Nitroaniline	13.398	65	130584	21.898	ng/ul	96
47) Dimethylphthalate	13.781	163	473647	21.060	ng/ul	99
48) 2,6-Dinitrotoluene	13.916	165	98599	23.232	ng/ul	94
50) Acenaphthylene	14.034	152	612486	20.814	ng/ul	99
51) 3-Nitroaniline	14.257	138	99669	24.812	ng/ul	94
52) Acenaphthene	14.387	153	405691	20.915	ng/ul	99
53) 2,4-Dinitrophenol	14.487	184	56470	22.127	ng/ul	96
55) 4-Nitrophenol	14.587	109	76545	20.151	ng/ul	98
56) Dibenzofuran	14.728	168	556308	20.772	ng/ul	98
57) 2,4-Dinitrotoluene	14.728	165	142504	23.719	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	14.975	232	129866	23.053	ng/ul	97
59) Diethylphthalate	15.187	149	494802	21.909	ng/ul	98
61) Fluorene	15.404	166	459547	20.768	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.404	204	253021	21.046	ng/ul	98
63) 4-Nitroaniline	15.457	138	95585	26.800	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.516	198	72596	17.027	ng/ul	98
67) N-Nitrosodiphenylamine	15.628	169	392893	20.228	ng/ul	98
68) 4-Bromophenyl-phenylether	16.334	248	160305	20.816	ng/ul	93
69) Hexachlorobenzene	16.433	284	182195	21.856	ng/ul	94
70) Atrazine	16.633	200	158586	22.234	ng/ul	98
71) Pentachlorophenol	16.804	266	108025	21.380	ng/ul	99
72) Phenanthrene	17.216	178	750996	20.598	ng/ul	99
74) Anthracene	17.304	178	782697	21.049	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.081	216	218795	19.654	ng/uL	96
76) Pentachlorobenzene	14.645	250	214231	20.450	ng/uL	99
77) Carbazole	17.604	167	676587	21.234	ng/ul	100
78) Di-n-butylphthalate	18.198	149	850640	22.127	ng/ul	99
80) Fluoranthene	19.322	202	922169	21.597	ng/ul	99
82) Pyrene	19.704	202	973209	21.907	ng/ul	99
83) Butylbenzylphthalate	20.680	149	395089	23.326	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.580	252	296482	19.840	ng/ul	98
85) Benzo(a)anthracene	21.651	228	981286	20.992	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.598	149	582843	22.321	ng/ul	99
87) Chrysene	21.716	228	891902	20.260	ng/ul	99
89) Di-n-octyl phthalate	22.910	149	983503	21.754	ng/ul	100
90) Benzo(b)fluoranthene	23.998	252	910998	20.664	ng/ul	99
91) Benzo(k)fluoranthene	24.068	252	922899	20.419	ng/ul	99
93) Benzo(a)pyrene	24.904	252	865662	20.376	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.921	276	1050022m	21.315	ng/ul	
95) Dibenzo(a,h)anthracene	29.015	278	852381	21.236	ng/ul	100
96) Benzo(g,h,i)perylene	30.109	276	817946m	20.759	ng/ul	

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

