

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041023\
 Data File : BP014666.D
 Acq On : 11 Apr 2023 20:51
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020672

Quant Time: Apr 12 00:45:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 11 01:21:43 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/12/2023
 Supervised By :Jagrut Upadhyay 04/12/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	127202	20.000	ng/u1	0.00
20) Naphthalene-d8	10.793	136	527163	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.628	164	330678	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.392	188	735422	20.000	ng/u1	0.00
79) Chrysene-d12	21.480	240	778206	20.000	ng/u1	0.00
88) Perylene-d12	23.980	264	860034	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.358	96	27219	8.298	ng/uL	0.00
4) Pyridine-d5	3.793	84	185902	22.116	ng/u1	0.00
7) Phenol-d5	7.140	99	224979	19.178	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.299	67	161600	21.470	ng/u1	0.00
11) 2-Chlorophenol-d4	7.505	132	172847	20.386	ng/u1	0.00
15) 4-Methylphenol-d8	8.693	113	175233	18.518	ng/u1	0.00
21) Nitrobenzene-d5	9.152	128	83266	19.566	ng/u1	0.00
24) 2-Nitrophenol-d4	9.875	143	92821	19.048	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.422	165	171962	19.376	ng/u1	0.00
31) 4-Chloroaniline-d4	10.946	131	223477	19.117	ng/u1	0.00
46) Dimethylphthalate-d6	14.034	166	517984	19.319	ng/u1	0.00
49) Acenaphthylene-d8	14.322	160	591843	19.893	ng/u1	0.00
54) 4-Nitrophenol-d4	14.851	143	74279	18.338	ng/u1	0.00
60) Fluorene-d10	15.622	176	441612	19.751	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.757	200	97292	17.979	ng/u1	0.00
73) Anthracene-d10	17.492	188	705798	19.831	ng/u1	0.00
81) Pyrene-d10	19.722	212	873481	16.710	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.815	264	901863	19.737	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.393	88	31066	8.618	ng/uL	97
5) Pyridine	3.811	79	191754	21.799	ng/u1	91
6) Benzaldehyde	7.116	77	147662	25.323	ng/u1	98
8) Phenol	7.169	94	234225	19.247	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.393	93	195331	19.973	ng/u1	95
12) 2-Chlorophenol	7.534	128	178748	20.255	ng/u1	91
13) 2-Methylphenol	8.428	108	174138	19.188	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.505	45	291244	22.682	ng/u1	98
16) Acetophenone	8.810	105	300734	19.246	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.787	70	166974	19.780	ng/u1	92
18) 4-Methylphenol	8.757	108	187350	18.797	ng/u1	95
19) Hexachloroethane	9.052	117	84568	21.932	ng/u1	90
22) Nitrobenzene	9.193	77	251810	20.597	ng/u1	98
23) Isophorone	9.716	82	441801	19.604	ng/u1	98
25) 2-Nitrophenol	9.904	139	99271	19.300	ng/u1	92
26) 2,4-Dimethylphenol	9.963	107	230763	20.045	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.199	93	261972	19.389	ng/u1	98
29) 2,4-Dichlorophenol	10.446	162	166705	19.087	ng/u1	91
30) Naphthalene	10.846	128	583113	19.858	ng/u1	99
32) 4-Chloroaniline	10.969	127	223203	18.851	ng/u1	98
33) Hexachlorobutadiene	11.116	225	132276	19.117	ng/u1	99
34) Caprolactam	11.763	113	48021m	18.611	ng/u1	
35) 4-Chloro-3-methylphenol	12.093	107	200637	18.677	ng/u1	98
36) 2-Methylnaphthalene	12.451	142	382383	19.215	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.669	142	377778	19.142	ng/u1	98
39) 1,2,4,5-Tetrachloroben...	12.816	216	220655	18.716	ng/u1	95
40) Hexachlorocyclopentadiene	12.787	237	125920	16.492	ng/u1	97
41) 2,4,6-Trichlorophenol	13.063	196	139207	19.081	ng/u1	99
42) 2,4,5-Trichlorophenol	13.145	196	142527	18.350	ng/u1	96
43) 1,1'-Biphenyl	13.457	154	520124	19.469	ng/u1	99
44) 2-Chloronaphthalene	13.504	162	408899	19.357	ng/u1	99
45) 2-Nitroaniline	13.722	65	132928	20.320	ng/u1	95
47) Dimethylphthalate	14.081	163	517800	19.315	ng/u1	99
48) 2,6-Dinitrotoluene	14.210	165	101057	19.295	ng/u1	91
50) Acenaphthylene	14.351	152	638645	20.157	ng/u1	99
51) 3-Nitroaniline	14.551	138	89194	19.009	ng/u1	92
52) Acenaphthene	14.692	153	444400	19.849	ng/u1	98
53) 2,4-Dinitrophenol	14.763	184	55846	16.465	ng/u1	92
55) 4-Nitrophenol	14.869	109	72871	18.229	ng/u1	91
56) Dibenzofuran	15.028	168	611122	19.416	ng/u1	97
57) 2,4-Dinitrotoluene	15.004	165	152202	20.487	ng/u1	87
58) 2,3,4,6-Tetrachlorophenol	15.257	232	135040	19.345	ng/u1	96
59) Diethylphthalate	15.445	149	530507	19.914	ng/u1	98
61) Fluorene	15.675	166	512492	20.089	ng/u1	100
62) 4-Chlorophenyl-phenyle...	15.669	204	266442	19.439	ng/u1	100
63) 4-Nitroaniline	15.722	138	81300	21.325	ng/u1	99
66) 4,6-Dinitro-2-methylph...	15.769	198	94057	17.935	ng/u1	91
67) N-Nitrosodiphenylamine	15.886	169	427011	18.662	ng/u1	99
68) 4-Bromophenyl-phenylether	16.569	248	163644	17.882	ng/u1	98
69) Hexachlorobenzene	16.686	284	191416	18.210	ng/u1	98
70) Atrazine	16.845	200	166428	19.981	ng/u1	100
71) Pentachlorophenol	17.045	266	108135	17.757	ng/u1	98
72) Phenanthrene	17.433	178	819913	20.040	ng/u1	100
74) Anthracene	17.528	178	838108	20.324	ng/u1	99
75) 1,2,3,4-Tetrachloroben...	13.422	216	228019	17.614	ng/uL	98
76) Pentachlorobenzene	14.945	250	223624	17.312	ng/uL	98
77) Carbazole	17.804	167	724110	20.983	ng/u1	100
78) Di-n-butylphthalate	18.328	149	915180	21.091	ng/u1	99
80) Fluoranthene	19.398	202	1005326	16.266	ng/u1	98
82) Pyrene	19.751	202	1063718	16.485	ng/u1	99
83) Butylbenzylphthalate	20.610	149	444701	20.008	ng/u1	96
84) 3,3'-Dichlorobenzidine	21.392	252	352464	20.479	ng/u1	99
85) Benzo(a)anthracene	21.463	228	1093405	19.828	ng/u1	100
86) Bis(2-ethylhexyl)phtha...	21.363	149	650623	21.407	ng/u1	99
87) Chrysene	21.521	228	1052476	20.213	ng/u1	99
89) Di-n-octyl phthalate	22.316	149	1125654	20.169	ng/u1	100
90) Benzo(b)fluoranthene	23.216	252	1133741	19.519	ng/u1	99
91) Benzo(k)fluoranthene	23.263	252	1096933	19.444	ng/u1	99
93) Benzo(a)pyrene	23.868	252	985608	19.713	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	26.604	276	1315174	19.120	ng/u1	98
95) Dibenzo(a,h)anthracene	26.615	278	1079350	18.742	ng/u1	99
96) Benzo(g,h,i)perylene	27.409	276	1065465	19.003	ng/u1	97

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

