

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
 Data File : BP016327.D
 Acq On : 19 Jul 2023 16:29
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020669

Quant Time: Jul 20 04:08:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 19 14:47:57 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/20/2023
 Supervised By :mohammad ahmed 07/20/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	102592	20.000	ng/u1	0.00
20) Naphthalene-d8	10.757	136	493134	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.592	164	344271	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.363	188	845355	20.000	ng/u1	0.00
79) Chrysene-d12	21.463	240	972791	20.000	ng/u1	0.00
88) Perylene-d12	23.957	264	1152062	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	21028m	7.253	ng/uL	0.00
4) Pyridine-d5	3.728	84	126978	17.561	ng/u1	0.00
7) Phenol-d5	7.140	99	164435	17.745	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	108920	17.383	ng/u1	0.00
11) 2-Chlorophenol-d4	7.481	132	129314	19.331	ng/u1	0.00
15) 4-Methylphenol-d8	8.693	113	135723	18.182	ng/u1	0.00
21) Nitrobenzene-d5	9.140	128	67320	19.788	ng/u1	0.00
24) 2-Nitrophenol-d4	9.869	143	76356	19.692	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.434	165	134092	19.970	ng/u1	0.01
31) 4-Chloroaniline-d4	10.945	131	200075	18.590	ng/u1	0.00
46) Dimethylphthalate-d6	14.010	166	515734	19.639	ng/u1	0.00
49) Acenaphthylene-d8	14.292	160	557566	19.373	ng/u1	0.00
54) 4-Nitrophenol-d4	14.922	143	99496m	18.564	ng/u1	0.00
60) Fluorene-d10	15.598	176	423786	19.282	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.786	200	71707	14.694	ng/u1	0.00
73) Anthracene-d10	17.469	188	704418	19.050	ng/u1	0.00
81) Pyrene-d10	19.704	212	910792	18.043	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.786	264	1047698	18.937	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.311	88	22442	7.057	ng/uL#	94
5) Pyridine	3.746	79	140350m	18.950	ng/u1	
6) Benzaldehyde	7.110	77	113937m	19.691	ng/u1	
8) Phenol	7.169	94	176750	17.793	ng/u1	92
10) Bis(2-Chloroethyl)ether	7.375	93	141231	17.482	ng/u1	95
12) 2-Chlorophenol	7.510	128	130824	18.849	ng/u1	97
13) 2-Methylphenol	8.416	108	141520	18.929	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.469	45	245581	18.731	ng/u1	98
16) Acetophenone	8.799	105	238160	19.348	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.763	70	140652	21.313	ng/u1	99
18) 4-Methylphenol	8.769	108	153512	18.776	ng/u1	98
19) Hexachloroethane	9.004	117	61422	19.412	ng/u1	97
22) Nitrobenzene	9.181	77	197236	19.954	ng/u1	93
23) Isophorone	9.693	82	397387	20.282	ng/u1	99
25) 2-Nitrophenol	9.898	139	82715	19.854	ng/u1	90
26) 2,4-Dimethylphenol	9.963	107	186750	20.384	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.187	93	213584	18.721	ng/u1	98
29) 2,4-Dichlorophenol	10.457	162	140889	20.406	ng/u1	99
30) Naphthalene	10.810	128	490155	18.940	ng/u1	99
32) 4-Chloroaniline	10.969	127	197057	18.409	ng/u1	99
33) Hexachlorobutadiene	11.063	225	96746	20.631	ng/u1	99
34) Caprolactam	11.781	113	55384m	22.158	ng/u1	
35) 4-Chloro-3-methylphenol	12.104	107	182470	21.416	ng/u1	94
36) 2-Methylnaphthalene	12.434	142	341671	19.691	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.645	142	353400	19.804	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.804	216	188254	19.199	ng/ul	99
40) Hexachlorocyclopentadiene	12.745	237	54692	14.209	ng/ul	97
41) 2,4,6-Trichlorophenol	13.063	196	125209	20.212	ng/ul	99
42) 2,4,5-Trichlorophenol	13.163	196	136191	20.679	ng/ul	99
43) 1,1'-Biphenyl	13.428	154	468241	18.645	ng/ul	97
44) 2-Chloronaphthalene	13.487	162	369029	18.703	ng/ul	99
45) 2-Nitroaniline	13.739	65	131675	20.478	ng/ul	94
47) Dimethylphthalate	14.063	163	512432	19.320	ng/ul	99
48) 2,6-Dinitrotoluene	14.216	165	100563	20.111	ng/ul	95
50) Acenaphthylene	14.322	152	637236	19.278	ng/ul	100
51) 3-Nitroaniline	14.581	138	91065	17.934	ng/ul#	96
52) Acenaphthene	14.663	153	417468	18.673	ng/ul	99
53) 2,4-Dinitrophenol	14.822	184	59434	16.982	ng/ul	92
55) 4-Nitrophenol	14.922	109	81780m	20.051	ng/ul	
56) Dibenzofuran	15.010	168	580786	19.072	ng/ul	96
57) 2,4-Dinitrotoluene	15.028	165	154050	20.884	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.251	232	125258	20.956	ng/ul	99
59) Diethylphthalate	15.416	149	546108	19.799	ng/ul	98
61) Fluorene	15.651	166	485232	19.074	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.639	204	239510	19.467	ng/ul	98
63) 4-Nitroaniline	15.751	138	87610	18.786	ng/ul#	83
66) 4,6-Dinitro-2-methylph...	15.804	198	71261	13.971	ng/ul	95
67) N-Nitrosodiphenylamine	15.869	169	416576	18.591	ng/ul	99
68) 4-Bromophenyl-phenylether	16.539	248	154544	19.237	ng/ul	99
69) Hexachlorobenzene	16.663	284	186881	19.316	ng/ul	99
70) Atrazine	16.828	200	170586	19.199	ng/ul	97
71) Pentachlorophenol	17.039	266	97300	20.055	ng/ul	99
72) Phenanthrene	17.404	178	814473	18.491	ng/ul	100
74) Anthracene	17.504	178	823535	18.607	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.404	216	206162	18.577	ng/uL	98
76) Pentachlorobenzene	14.922	250	196955	18.802	ng/uL	97
77) Carbazole	17.798	167	759379	18.818	ng/ul	98
78) Di-n-butylphthalate	18.298	149	1010059	19.981	ng/ul	99
80) Fluoranthene	19.380	202	1061347	17.981	ng/ul	96
82) Pyrene	19.733	202	1111942	17.644	ng/ul	97
83) Butylbenzylphthalate	20.580	149	523572	19.264	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.386	252	364544	16.038	ng/ul	96
85) Benzo(a)anthracene	21.445	228	1192812	18.830	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.321	149	804365	19.811	ng/ul	100
87) Chrysene	21.504	228	1151894	17.950	ng/ul	100
89) Di-n-octyl phthalate	22.263	149	1464722	20.298	ng/ul	100
90) Benzo(b)fluoranthene	23.180	252	1300552	19.763	ng/ul	97
91) Benzo(k)fluoranthene	23.233	252	1254884	18.738	ng/ul	98
93) Benzo(a)pyrene	23.839	252	1184695	18.173	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.586	276	1342888	16.635	ng/ul	96
95) Dibenzo(a,h)anthracene	26.586	278	1131326	17.181	ng/ul	97
96) Benzo(g,h,i)perylene	27.409	276	1043347	16.192	ng/ul	95

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

