

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040722\
 Data File : BP009701.D
 Acq On : 07 Apr 2022 16:22
 Operator : CG/JU
 Sample : SST02018
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SST020618

Manual Integrations
 APPROVED

Reviewed By :Jagrut
 Upadhyay

04/08/2022

Supervised By :mohammad
 ahmed

Quant Time: Apr 07 18:16:40 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP040722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 07 18:14:16 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.981	152	121585	20.000	ng/u1	0.00
20) Naphthalene-d8	10.793	136	547420	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.610	164	395860	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.363	188	876017	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.445	240	925502	20.000	ng/u1	0.00
88) Perylene-d12	23.921	264	873970	20.000	ng/u1	0.00

04/11/2022

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.393	96	21348	7.057	ng/uL	0.00
4) Pyridine-d5	3.811	84	148544	19.680	ng/u1	0.00
7) Phenol-d5	7.128	99	204591	20.772	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.304	67	127322	21.540	ng/u1	0.00
11) 2-Chlorophenol-d4	7.504	132	161137	20.926	ng/u1	0.00
15) 4-Methylphenol-d8	8.681	113	173313	23.020	ng/u1	0.00
21) Nitrobenzene-d5	9.140	128	79195	24.807	ng/u1	0.00
24) 2-Nitrophenol-d4	9.863	143	85527	28.265	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.404	165	179671	22.285	ng/u1	0.00
31) 4-Chloroaniline-d4	10.916	131	247379	21.699	ng/u1	0.00
46) Dimethylphthalate-d6	14.022	166	615792	22.196	ng/u1	0.00
49) Acenaphthylene-d8	14.304	160	737782	20.127	ng/u1	0.00
54) 4-Nitrophenol-d4	14.786	143	108244	24.637	ng/u1	0.00
60) Fluorene-d10	15.604	176	515759	21.366	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.710	200	93580	26.318	ng/u1	0.00
73) Anthracene-d10	17.463	188	842348	20.460	ng/u1	0.00
81) Pyrene-d10	19.686	212	1011477	19.882	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.762	264	904066	20.452	ng/u1	0.00

Target Compounds

					Qvalue	
2) 1,4-Dioxane	3.428	88	21182	7.003	ng/uL#	20
5) Pyridine	3.828	79	153717	19.193	ng/u1#	38
6) Benzaldehyde	7.110	77	144190	24.883	ng/u1	96
8) Phenol	7.157	94	207186	20.896	ng/u1#	87
10) Bis(2-Chloroethyl)ether	7.399	93	167349	21.146	ng/u1#	77
12) 2-Chlorophenol	7.540	128	159455	20.462	ng/u1	95
13) 2-Methylphenol	8.416	108	163674	22.127	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.510	45	248978	26.163	ng/u1#	84
16) Acetophenone	8.804	105	282151	24.530	ng/u1#	80
17) N-Nitroso-di-n-propyla...	8.793	70	144446	25.204	ng/u1#	72
18) 4-Methylphenol	8.746	108	177027	22.767	ng/u1	93
19) Hexachloroethane	9.069	117	69386	21.807	ng/u1	83
22) Nitrobenzene	9.181	77	202918	24.407	ng/u1#	85
23) Isophorone	9.716	82	416810	22.676	ng/u1	97
25) 2-Nitrophenol	9.898	139	94488	26.688	ng/u1#	80
26) 2,4-Dimethylphenol	9.957	107	218585	22.870	ng/u1#	80
27) Bis(2-Chloroethoxy)met...	10.193	93	244529	21.758	ng/u1#	98
29) 2,4-Dichlorophenol	10.434	162	174541	21.988	ng/u1#	85
30) Naphthalene	10.840	128	556292	20.001	ng/u1	97
32) 4-Chloroaniline	10.940	127	245754	21.783	ng/u1	98
33) Hexachlorobutadiene	11.140	225	125049	21.738	ng/u1	94
34) Caprolactam	11.704	113	56520m	24.674	ng/u1	
35) 4-Chloro-3-methylphenol	12.057	107	211470	26.313	ng/u1#	72
36) 2-Methylnaphthalene	12.445	142	408872	21.937	ng/u1	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.663	142	414033	22.217	ng/ul#	96
39) 1,2,4,5-Tetrachloroben...	12.810	216	239793	19.047	ng/ul#	92
40) Hexachlorocyclopentadiene	12.798	237	159436	20.164	ng/ul	98
41) 2,4,6-Trichlorophenol	13.045	196	155445	21.322	ng/ul#	84
42) 2,4,5-Trichlorophenol	13.110	196	165703	21.484	ng/ul#	90
43) 1,1'-Biphenyl	13.451	154	570528	18.883	ng/ul	93
44) 2-Chloronaphthalene	13.486	162	438824	19.097	ng/ul	94
45) 2-Nitroaniline	13.681	65	132109	32.707	ng/ul#	80
47) Dimethylphthalate	14.069	163	590029	21.974	ng/ul#	92
48) 2,6-Dinitrotoluene	14.175	165	110422	30.095	ng/ul	99
50) Acenaphthylene	14.334	152	724876	19.946	ng/ul	95
51) 3-Nitroaniline	14.504	138	115160	24.859	ng/ul#	83
52) Acenaphthene	14.675	153	469898	19.895	ng/ul	97
53) 2,4-Dinitrophenol	14.704	184	56373	25.132	ng/ul#	78
55) 4-Nitrophenol	14.804	109	99149	28.557	ng/ul#	54
56) Dibenzofuran	15.010	168	693157	20.747	ng/ul	98
57) 2,4-Dinitrotoluene	14.963	165	166197	31.524	ng/ul#	83
58) 2,3,4,6-Tetrachlorophenol	15.233	232	152760	25.330	ng/ul#	85
59) Diethylphthalate	15.433	149	615715	23.695	ng/ul#	92
61) Fluorene	15.663	166	569577	21.748	ng/ul	91
62) 4-Chlorophenyl-phenyle...	15.657	204	300752	22.631	ng/ul	96
63) 4-Nitroaniline	15.663	138	125769	28.009	ng/ul#	78
66) 4,6-Dinitro-2-methylph...	15.728	198	94699	25.332	ng/ul#	91
67) N-Nitrosodiphenylamine	15.863	169	502709	19.611	ng/ul	95
68) 4-Bromophenyl-phenylether	16.551	248	188633	20.642	ng/ul	97
69) Hexachlorobenzene	16.669	284	216992	20.681	ng/ul#	90
70) Atrazine	16.822	200	205091	22.440	ng/ul#	90
71) Pentachlorophenol	17.010	266	141163	22.790	ng/ul#	79
72) Phenanthrene	17.404	178	935258	20.025	ng/ul	98
74) Anthracene	17.498	178	953784	20.457	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.416	216	254935	17.269	ng/uL#	84
76) Pentachlorobenzene	14.933	250	246769	18.767	ng/uL	90
77) Carbazole	17.757	167	845785	20.381	ng/ul#	96
78) Di-n-butylphthalate	18.322	149	1071224	23.284	ng/ul#	93
80) Fluoranthene	19.363	202	1155869	19.718	ng/ul	96
82) Pyrene	19.716	202	1181909	19.722	ng/ul#	94
83) Butylbenzylphthalate	20.592	149	486054	25.121	ng/ul#	81
84) 3,3'-Dichlorobenzidine	21.357	252	410275	21.036	ng/ul#	95
85) Benzo(a)anthracene	21.427	228	1162644	19.873	ng/ul	94
86) Bis(2-ethylhexyl)phtha...	21.363	149	727729	23.660	ng/ul#	82
87) Chrysene	21.486	228	1123058	19.809	ng/ul	99
89) Di-n-octyl phthalate	22.321	149	1198246	25.327	ng/ul	100
90) Benzo(b)fluoranthene	23.168	252	1164738	21.146	ng/ul	98
91) Benzo(k)fluoranthene	23.215	252	1058940	21.211	ng/ul#	97
93) Benzo(a)pyrene	23.815	252	1072673	20.322	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.515	276	1092575	17.482	ng/ul#	97
95) Dibenzo(a,h)anthracene	26.533	278	941546	17.846	ng/ul#	96
96) Benzo(g,h,i)perylene	27.309	276	891651	16.660	ng/ul#	92

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

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