

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091223\
 Data File : BP017130.D
 Acq On : 12 Sep 2023 23:35
 Operator : MA/JU
 Sample : PB155287BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS287

Quant Time: Sep 19 02:58:08 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 12 23:27:27 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/20/2023
 Supervised By :mohammad ahmed 09/20/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.957	152	237972	20.000	ng/u1	0.00
20) Naphthalene-d8	10.781	136	1153184	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.616	164	769472	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.386	188	1756093	20.000	ng/u1	0.00
79) Chrysene-d12	21.486	240	1771366	20.000	ng/u1	0.00
88) Perylene-d12	24.010	264	1808521	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.317	96	33365	5.892	ng/uL	0.00
4) Pyridine-d5	3.746	84	477153	29.455	ng/u1	0.00
7) Phenol-d5	7.105	99	609798	31.514	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.299	67	362064	29.937	ng/u1	0.00
11) 2-Chlorophenol-d4	7.475	132	472093	30.582	ng/u1	0.00
15) 4-Methylphenol-d8	8.669	113	471095	29.376	ng/u1	0.00
21) Nitrobenzene-d5	9.157	128	224195	27.764	ng/u1	0.00
24) 2-Nitrophenol-d4	9.869	143	248061	28.775	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.393	165	477897	28.665	ng/u1	0.00
31) 4-Chloroaniline-d4	10.946	131	628162	24.998	ng/u1	0.00
46) Dimethylphthalate-d6	14.028	166	1457893	26.625	ng/u1	0.00
49) Acenaphthylene-d8	14.316	160	1627555	26.195	ng/u1	0.00
54) 4-Nitrophenol-d4	14.834	143	283008	26.742	ng/u1	0.00
60) Fluorene-d10	15.610	176	1248059	26.360	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.739	200	263377	26.844	ng/u1	0.00
73) Anthracene-d10	17.486	188	1990544	26.678	ng/u1	0.00
81) Pyrene-d10	19.722	212	2500229	26.913	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.839	264	2395666	28.066	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.352	88	71906	11.808	ng/uL	97
5) Pyridine	3.769	79	460408	27.438	ng/u1	99
6) Benzaldehyde	7.116	77	329231	30.561	ng/u1	96
8) Phenol	7.134	94	630129	30.876	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.393	93	493004	30.288	ng/u1	98
12) 2-Chlorophenol	7.510	128	495233	31.606	ng/u1	99
13) 2-Methylphenol	8.399	108	458192	30.116	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.487	45	626162m	28.385	ng/u1	
16) Acetophenone	8.804	105	762169	30.364	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.781	70	385197	29.863	ng/u1	99
18) 4-Methylphenol	8.734	108	508697	30.221	ng/u1	97
19) Hexachloroethane	9.022	117	197347	30.625	ng/u1	94
22) Nitrobenzene	9.199	77	583242	27.736	ng/u1	98
23) Isophorone	9.710	82	1059713	26.892	ng/u1	100
25) 2-Nitrophenol	9.899	139	276509	28.859	ng/u1	98
26) 2,4-Dimethylphenol	9.940	107	457557	23.433	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.199	93	666572	26.988	ng/u1	98
29) 2,4-Dichlorophenol	10.422	162	479154	28.393	ng/u1	97
30) Naphthalene	10.834	128	1590059	27.248	ng/u1	99
32) 4-Chloroaniline	10.969	127	562343	22.933	ng/u1	99
33) Hexachlorobutadiene	11.063	225	309285	26.990	ng/u1	99
34) Caprolactam	11.798	113	160042m	30.170	ng/u1	
35) 4-Chloro-3-methylphenol	12.069	107	524179	28.707	ng/u1	98
36) 2-Methylnaphthalene	12.440	142	1075531	27.315	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.657	142	1038472	26.055	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.787	216	590502	25.766	ng/ul	97
40) Hexachlorocyclopentadiene	12.734	237	279134	19.548	ng/ul	99
41) 2,4,6-Trichlorophenol	13.040	196	378479	25.996	ng/ul	100
42) 2,4,5-Trichlorophenol	13.110	196	423577	27.366	ng/ul	99
43) 1,1'-Biphenyl	13.445	154	1449952	26.278	ng/ul	99
44) 2-Chloronaphthalene	13.492	162	1153180	26.318	ng/ul	99
45) 2-Nitroaniline	13.734	65	339999	28.647	ng/ul	97
47) Dimethylphthalate	14.075	163	1496879	26.929	ng/ul	99
48) 2,6-Dinitrotoluene	14.222	165	295025	29.031	ng/ul	97
50) Acenaphthylene	14.345	152	1813314	25.263	ng/ul	99
51) 3-Nitroaniline	14.563	138	316859	29.146	ng/ul	96
52) Acenaphthene	14.681	153	1244965	26.211	ng/ul	100
53) 2,4-Dinitrophenol	14.763	184	175996	24.726	ng/ul	95
55) 4-Nitrophenol	14.851	109	229595	27.106	ng/ul	97
56) Dibenzofuran	15.016	168	1760726	26.825	ng/ul	98
57) 2,4-Dinitrotoluene	15.004	165	445878	29.465	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.234	232	352651	25.971	ng/ul	96
59) Diethylphthalate	15.434	149	1489527	27.141	ng/ul	100
61) Fluorene	15.669	166	1462336	26.947	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.657	204	737109	26.716	ng/ul	99
63) 4-Nitroaniline	15.734	138	329556	32.607	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.757	198	277210	26.327	ng/ul#	96
67) N-Nitrosodiphenylamine	15.886	169	1242257	27.206	ng/ul	100
68) 4-Bromophenyl-phenylether	16.563	248	454588	27.157	ng/ul	96
69) Hexachlorobenzene	16.645	284	534980	27.001	ng/ul	96
70) Atrazine	16.839	200	220086	13.315	ng/ul	98
71) Pentachlorophenol	17.010	266	289180	22.458	ng/ul	98
72) Phenanthrene	17.428	178	2398614	27.180	ng/ul	100
74) Anthracene	17.522	178	2391123	26.752	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.398	216	59334	2.444	ng/uL	97
76) Pentachlorobenzene	14.904	250	611395	27.750	ng/uL	100
77) Carbazole	17.804	167	2227436	28.381	ng/ul	100
78) Di-n-butylphthalate	18.316	149	2587342	28.930	ng/ul	100
80) Fluoranthene	19.392	202	2976611	27.413	ng/ul	100
82) Pyrene	19.751	202	3116854	27.166	ng/ul	99
83) Butylbenzylphthalate	20.610	149	1215118	29.695	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.404	252	1025354	28.234	ng/ul	99
85) Benzo(a)anthracene	21.469	228	3132748	27.011	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.345	149	1726958	30.065	ng/ul	99
87) Chrysene	21.521	228	2971075	27.538	ng/ul	98
89) Di-n-octyl phthalate	22.310	149	2970341	29.621	ng/ul	100
90) Benzo(b)fluoranthene	23.221	252	3025699	28.383	ng/ul	99
91) Benzo(k)fluoranthene	23.274	252	3057602	28.852	ng/ul	99
93) Benzo(a)pyrene	23.892	252	2663709	26.933	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.686	276	3155312	28.811	ng/ul	100
95) Dibenzo(a,h)anthracene	26.704	278	2644588	28.746	ng/ul	100
96) Benzo(g,h,i)perylene	27.521	276	2456628	29.009	ng/ul	99

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

