

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101422\
 Data File : BP012143.D
 Acq On : 14 Oct 2022 18:09
 Operator : CG/JU
 Sample : PB148234BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS234

Quant Time: Oct 14 23:04:36 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101122.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 12 23:03:21 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/15/2022
 Supervised By :mohammad ahmed 10/16/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.845	152	252321	20.000	ng/u1	0.00
20) Naphthalene-d8	10.651	136	1040453	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.492	164	564043	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.257	188	1120499	20.000	ng/u1	0.00
79) Chrysene-d12	21.345	240	1253394	20.000	ng/u1	0.00
88) Perylene-d12	23.762	264	1316628	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	31713	4.955	ng/uL	0.00
4) Pyridine-d5	3.693	84	430086	25.270	ng/u1	0.00
7) Phenol-d5	7.016	99	594107	29.276	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.181	67	338428	29.381	ng/u1	0.00
11) 2-Chlorophenol-d4	7.375	132	481683	29.903	ng/u1	0.00
15) 4-Methylphenol-d8	8.563	113	444023	28.487	ng/u1	0.00
21) Nitrobenzene-d5	9.016	128	226738	30.856	ng/u1	0.00
24) 2-Nitrophenol-d4	9.734	143	235379	31.591	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.275	165	423177	29.305	ng/u1	0.00
31) 4-Chloroaniline-d4	10.798	131	547451	25.727	ng/u1	0.00
46) Dimethylphthalate-d6	13.910	166	1014333	28.395	ng/u1	0.00
49) Acenaphthylene-d8	14.186	160	1298329	29.392	ng/u1	0.00
54) 4-Nitrophenol-d4	14.710	143	221017	31.516	ng/u1	0.00
60) Fluorene-d10	15.492	176	928172	28.719	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.616	200	168560	28.489	ng/u1	0.00
73) Anthracene-d10	17.351	188	1425127	29.290	ng/u1	0.00
81) Pyrene-d10	19.592	212	1740031	27.098	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.609	264	1897549	29.647	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.310	88	65835	9.776	ng/uL	92
5) Pyridine	3.716	79	436612	26.774	ng/u1	94
6) Benzaldehyde	6.987	77	373903m	39.271	ng/u1	
8) Phenol	7.040	94	603442	28.325	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.275	93	476303	28.337	ng/u1	99
12) 2-Chlorophenol	7.410	128	500087	28.606	ng/u1	100
13) 2-Methylphenol	8.293	108	443519	27.912	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.381	45	484102	28.099	ng/u1	100
16) Acetophenone	8.675	105	678439	28.232	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.663	70	305234	27.888	ng/u1	99
18) 4-Methylphenol	8.628	108	474043	27.679	ng/u1	99
19) Hexachloroethane	8.922	117	198958	29.483	ng/u1	96
22) Nitrobenzene	9.057	77	497371	29.527	ng/u1	99
23) Isophorone	9.587	82	854834	28.610	ng/u1	99
25) 2-Nitrophenol	9.769	139	260494	29.758	ng/u1	96
26) 2,4-Dimethylphenol	9.828	107	456270	26.763	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.069	93	573001	27.946	ng/u1	99
29) 2,4-Dichlorophenol	10.298	162	419769	27.662	ng/u1	97
30) Naphthalene	10.704	128	1508150	27.430	ng/u1	99
32) 4-Chloroaniline	10.822	127	544124	24.802	ng/u1	100
33) Hexachlorobutadiene	10.981	225	249347	26.498	ng/u1	99
34) Caprolactam	11.616	113	116124	27.847	ng/u1	97
35) 4-Chloro-3-methylphenol	11.945	107	408544	28.417	ng/u1	98
36) 2-Methylnaphthalene	12.310	142	940399	26.562	ng/u1	100

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37) 1-Methylnaphthalene	12.533	142	937628	26.446	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.681	216	465638	27.006	ng/ul	100
40) Hexachlorocyclopentadiene	12.657	237	174823	20.875	ng/ul	98
41) 2,4,6-Trichlorophenol	12.928	196	297539	28.648	ng/ul	100
42) 2,4,5-Trichlorophenol	12.998	196	325487	28.836	ng/ul	98
43) 1,1'-Biphenyl	13.328	154	1184584	27.819	ng/ul	99
44) 2-Chloronaphthalene	13.369	162	942616	27.721	ng/ul	99
45) 2-Nitroaniline	13.580	65	227512	31.365	ng/ul	96
47) Dimethylphthalate	13.957	163	1044002	27.739	ng/ul	100
48) 2,6-Dinitrotoluene	14.080	165	203373	30.521	ng/ul	99
50) Acenaphthylene	14.216	152	1428501	28.581	ng/ul	99
51) 3-Nitroaniline	14.410	138	228000	29.385	ng/ul	96
52) Acenaphthene	14.557	153	985606	27.700	ng/ul	100
53) 2,4-Dinitrophenol	14.622	184	110012	25.556	ng/ul	100
55) 4-Nitrophenol	14.722	109	148087	30.543	ng/ul	96
56) Dibenzofuran	14.892	168	1334448	27.750	ng/ul	99
57) 2,4-Dinitrotoluene	14.869	165	301630	31.497	ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	15.122	232	257202	29.234	ng/ul	98
59) Diethylphthalate	15.322	149	973434	28.242	ng/ul	100
61) Fluorene	15.545	166	1072077	28.401	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.539	204	495526	27.136	ng/ul	100
63) 4-Nitroaniline	15.574	138	257598	36.360	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.633	198	177876	27.809	ng/ul	96
67) N-Nitrosodiphenylamine	15.757	169	885642	26.704	ng/ul	99
68) 4-Bromophenyl-phenylether	16.439	248	285157	26.153	ng/ul	98
69) Hexachlorobenzene	16.551	284	330432	26.110	ng/ul	99
70) Atrazine	16.716	200	282990	27.748	ng/ul	99
71) Pentachlorophenol	16.904	266	208090	28.065	ng/ul	98
72) Phenanthrene	17.298	178	1709153	28.048	ng/ul	100
74) Anthracene	17.386	178	1708927	28.339	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.292	216	476480	26.316	ng/ul	100
76) Pentachlorobenzene	14.810	250	416510	23.423	ng/ul	99
77) Carbazole	17.663	167	1634877	30.398	ng/ul	99
78) Di-n-butylphthalate	18.210	149	1575260	29.515	ng/ul	99
80) Fluoranthene	19.268	202	2058331	26.160	ng/ul	99
82) Pyrene	19.621	202	2199766	26.418	ng/ul	98
83) Butylbenzylphthalate	20.492	149	796822	30.188	ng/ul	89
84) 3,3'-Dichlorobenzidine	21.268	252	737270	26.694	ng/ul	98
85) Benzo(a)anthracene	21.333	228	2255408	28.588	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.251	149	1104950	31.052	ng/ul	98
87) Chrysene	21.386	228	2115564	27.858	ng/ul	99
89) Di-n-octyl phthalate	22.180	149	1965110	29.812	ng/ul	100
90) Benzo(b)fluoranthene	23.027	252	2427809	29.131	ng/ul	99
91) Benzo(k)fluoranthene	23.074	252	2272355	27.720	ng/ul	99
93) Benzo(a)pyrene	23.656	252	2122657	28.548	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.280	276	2739855	29.143	ng/ul#	95
95) Dibenzo(a,h)anthracene	26.297	278	2352052	27.887	ng/ul	97
96) Benzo(g,h,i)perylene	27.050	276	2298500	27.116	ng/ul	96

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

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