

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120123\
 Data File : BP018527.D
 Acq On : 02 Dec 2023 21:41
 Operator : MA/JU
 Sample : PB157320BS
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS320

Quant Time: Dec 02 22:32:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 01 21:56:43 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/04/2023
 Supervised By :mohammad ahmed 12/04/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.857	152	445378	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.657	136	1786905	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.486	164	1027560	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.233	188	2145178	20.000	ng/u1	0.00
79) Chrysene-d12	21.321	240	2142077	20.000	ng/u1	0.00
88) Perylene-d12	23.692	264	2507455	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	69466	5.315	ng/uL	0.00
4) Pyridine-d5	3.687	84	905914	25.877	ng/u1	0.00
7) Phenol-d5	7.028	99	1258123	28.149	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.199	67	754053	28.465	ng/u1	0.00
11) 2-Chlorophenol-d4	7.393	132	954581	27.371	ng/u1	0.00
15) 4-Methylphenol-d8	8.575	113	906479	25.061	ng/u1	0.00
21) Nitrobenzene-d5	9.022	128	450858	28.349	ng/u1	0.00
24) 2-Nitrophenol-d4	9.746	143	459133	27.845	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.281	165	902180	26.758	ng/u1	0.00
31) 4-Chloroaniline-d4	10.798	131	1018335	23.111	ng/u1	0.00
46) Dimethylphthalate-d6	13.904	166	2405400	26.228	ng/u1	0.00
49) Acenaphthylene-d8	14.181	160	2828099	28.005	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.692	143	453897	30.151	ng/u1	0.00
60) Fluorene-d10	15.481	176	2083534	27.065	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.598	200	356080	27.683	ng/u1	0.00
73) Anthracene-d10	17.333	188	2994050	26.549	ng/u1	0.00
81) Pyrene-d10	19.569	212	3836999	23.011	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.539	264	4135803	28.288	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.305	88	148083	10.332	ng/uL	98
5) Pyridine	3.711	79	999231	28.265	ng/u1	96
6) Benzaldehyde	6.999	77	635365	27.533	ng/u1	97
8) Phenol	7.057	94	1243020	28.359	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.293	93	1017653	28.271	ng/u1	99
12) 2-Chlorophenol	7.422	128	961257	27.234	ng/u1	98
13) 2-Methylphenol	8.304	108	867478	25.852	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.393	45	1267424	27.749	ng/u1	99
16) Acetophenone	8.687	105	1445075	26.807	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.681	70	699985	23.604	ng/u1	99
18) 4-Methylphenol	8.640	108	943033	25.737	ng/u1	98
19) Hexachloroethane	8.940	117	401077	27.717	ng/u1	99
22) Nitrobenzene	9.063	77	1096425	28.355	ng/u1	100
23) Isophorone	9.593	82	1985660	25.186	ng/u1	100
25) 2-Nitrophenol	9.775	139	499307	28.282	ng/u1	99
26) 2,4-Dimethylphenol	9.840	107	513755	14.879	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.081	93	1307897	26.277	ng/u1	100
29) 2,4-Dichlorophenol	10.304	162	874133	26.916	ng/u1	100
30) Naphthalene	10.710	128	2966856	27.369	ng/u1	99
32) 4-Chloroaniline	10.822	127	979500	23.323	ng/u1	100
33) Hexachlorobutadiene	10.993	225	601103	27.637	ng/u1	98
34) Caprolactam	11.604	113	266513m	26.764	ng/u1	
35) 4-Chloro-3-methylphenol	11.945	107	893310	24.554	ng/u1	99
36) 2-Methylnaphthalene	12.316	142	1966700	25.610	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.534	142	1932953	24.924	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.681	216	1097815	29.447	ng/ul	99
40) Hexachlorocyclopentadiene	12.663	237	429630	19.442	ng/ul	97
41) 2,4,6-Trichlorophenol	12.922	196	616624	25.711	ng/ul	99
42) 2,4,5-Trichlorophenol	12.992	196	693050	26.655	ng/ul	98
43) 1,1'-Biphenyl	13.328	154	2522902	28.389	ng/ul	99
44) 2-Chloronaphthalene	13.369	162	2034765	28.989	ng/ul	98
45) 2-Nitroaniline	13.575	65	544569	28.619	ng/ul	98
47) Dimethylphthalate	13.951	163	2396110	26.542	ng/ul	99
48) 2,6-Dinitrotoluene	14.069	165	481644	28.239	ng/ul	99
50) Acenaphthylene	14.210	152	3185237	28.054	ng/ul	100
51) 3-Nitroaniline	14.398	138	470764	27.650	ng/ul	98
52) Acenaphthene	14.551	153	2106655	28.062	ng/ul	99
53) 2,4-Dinitrophenol	14.598	184	230128	25.458	ng/ul	98
55) 4-Nitrophenol	14.704	109	340483	29.937	ng/ul	99
56) Dibenzofuran	14.886	168	2896728	27.763	ng/ul	99
57) 2,4-Dinitrotoluene	14.851	165	688589	28.701	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.110	232	501996	23.017	ng/ul	99
59) Diethylphthalate	15.316	149	2324864	26.317	ng/ul	99
61) Fluorene	15.539	166	2285820	27.687	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.534	204	1166567	26.942	ng/ul	97
63) 4-Nitroaniline	15.557	138	505961	31.194	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.616	198	392831	28.566	ng/ul	93
67) N-Nitrosodiphenylamine	15.745	169	1917796	26.979	ng/ul	99
68) 4-Bromophenyl-phenylether	16.428	248	715959	26.437	ng/ul	97
69) Hexachlorobenzene	16.533	284	831963	27.515	ng/ul	97
70) Atrazine	16.698	200	141409	6.691	ng/ul	99
71) Pentachlorophenol	16.881	266	409266	22.759	ng/ul	99
72) Phenanthrene	17.275	178	3698400	28.546	ng/ul	100
74) Anthracene	17.369	178	3490606	26.878	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.287	216	1100341	29.665	ng/ul	99
76) Pentachlorobenzene	14.804	250	1012742	27.796	ng/ul	100
77) Carbazole	17.639	167	3392558	32.778	ng/ul	99
78) Di-n-butylphthalate	18.198	149	3936452	28.562	ng/ul	100
80) Fluoranthene	19.245	202	4456983	22.613	ng/ul	99
82) Pyrene	19.598	202	4649302	23.383	ng/ul	99
83) Butylbenzylphthalate	20.474	149	1817044	24.962	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.239	252	1364816	26.219	ng/ul	99
85) Benzo(a)anthracene	21.304	228	4878367	28.058	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.239	149	2616603	26.153	ng/ul	99
87) Chrysene	21.357	228	4515551	28.202	ng/ul	99
89) Di-n-octyl phthalate	22.151	149	4744014	25.913	ng/ul	100
90) Benzo(b)fluoranthene	22.968	252	5015226	27.127	ng/ul	99
91) Benzo(k)fluoranthene	23.021	252	5082662	28.414	ng/ul	99
93) Benzo(a)pyrene	23.592	252	4797916	28.402	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.168	276	6003793	29.746	ng/ul	99
95) Dibenzo(a,h)anthracene	26.186	278	5067340	30.181	ng/ul	99
96) Benzo(g,h,i)perylene	26.927	276	4917886	30.277	ng/ul	98

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

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