

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120423\
 Data File : BP018583.D
 Acq On : 05 Dec 2023 02:14
 Operator : MA/JU
 Sample : PB157361BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS361

Quant Time: Dec 05 03:05:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 04 21:39:40 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/05/2023
 Supervised By :mohammad ahmed 12/08/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.852	152	292873	20.000	ng/u1	0.00
20) Naphthalene-d8	10.652	136	1215254	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.481	164	735595	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.228	188	1430872	20.000	ng/u1	0.00
79) Chrysene-d12	21.316	240	1274255	20.000	ng/u1	0.00
88) Perylene-d12	23.686	264	1523889	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.270	96	50238	5.845	ng/uL	0.00
4) Pyridine-d5	3.687	84	682321	29.640	ng/u1	0.00
7) Phenol-d5	7.022	99	900493	30.639	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.193	67	527814	30.300	ng/u1	0.00
11) 2-Chlorophenol-d4	7.387	132	678866	29.601	ng/u1	0.00
15) 4-Methylphenol-d8	8.569	113	706821	29.716	ng/u1	0.00
21) Nitrobenzene-d5	9.016	128	340726	31.502	ng/u1	0.00
24) 2-Nitrophenol-d4	9.734	143	365123	32.560	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.275	165	724988	31.618	ng/u1	0.00
31) 4-Chloroaniline-d4	10.793	131	888255	29.641	ng/u1	0.00
46) Dimethylphthalate-d6	13.898	166	1990454	30.318	ng/u1	0.00
49) Acenaphthylene-d8	14.175	160	2291729	31.701	ng/u1	0.00
54) 4-Nitrophenol-d4	14.687	143	320277	29.720	ng/u1	0.00
60) Fluorene-d10	15.475	176	1673145	30.361	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.592	200	275413	32.101	ng/u1	0.00
73) Anthracene-d10	17.328	188	2261599	30.065	ng/u1	0.00
81) Pyrene-d10	19.563	212	2678502	27.004	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.533	264	2864030	32.233	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.305	88	104537	11.092	ng/uL	98
5) Pyridine	3.705	79	712812	30.662	ng/u1	98
6) Benzaldehyde	6.993	77	508664	33.521	ng/u1	99
8) Phenol	7.052	94	922424	32.003	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.287	93	751205	31.735	ng/u1	99
12) 2-Chlorophenol	7.416	128	706601	30.443	ng/u1	98
13) 2-Methylphenol	8.299	108	680090	30.821	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.381	45	910713	30.322	ng/u1	97
16) Acetophenone	8.681	105	1121120	31.627	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.675	70	551693	28.291	ng/u1	98
18) 4-Methylphenol	8.634	108	743592	30.861	ng/u1	97
19) Hexachloroethane	8.934	117	294032	30.901	ng/u1	92
22) Nitrobenzene	9.057	77	845506	32.152	ng/u1	100
23) Isophorone	9.587	82	1604928	29.932	ng/u1	99
25) 2-Nitrophenol	9.769	139	402697	33.539	ng/u1	98
26) 2,4-Dimethylphenol	9.834	107	526964	22.441	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.075	93	1032294	30.495	ng/u1	99
29) 2,4-Dichlorophenol	10.299	162	712037	32.239	ng/u1	99
30) Naphthalene	10.704	128	2297082	31.159	ng/u1	100
32) 4-Chloroaniline	10.816	127	826548	28.939	ng/u1	100
33) Hexachlorobutadiene	10.987	225	507826	34.332	ng/u1	99
34) Caprolactam	11.599	113	209824m	30.982	ng/u1	
35) 4-Chloro-3-methylphenol	11.940	107	751254	30.363	ng/u1	99
36) 2-Methylnaphthalene	12.310	142	1580632	30.264	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.528	142	1563577	29.645	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.675	216	938781	35.176	ng/ul	99
40) Hexachlorocyclopentadiene	12.657	237	420362	26.573	ng/ul	99
41) 2,4,6-Trichlorophenol	12.922	196	577218	33.621	ng/ul	99
42) 2,4,5-Trichlorophenol	12.987	196	622523	33.446	ng/ul	98
43) 1,1'-Biphenyl	13.322	154	2088109	32.822	ng/ul	98
44) 2-Chloronaphthalene	13.363	162	1663692	33.111	ng/ul	99
45) 2-Nitroaniline	13.569	65	437798	32.140	ng/ul	96
47) Dimethylphthalate	13.951	163	2008692	31.082	ng/ul	100
48) 2,6-Dinitrotoluene	14.069	165	403957	33.085	ng/ul	94
50) Acenaphthylene	14.204	152	2616480	32.191	ng/ul	100
51) 3-Nitroaniline	14.393	138	383162	31.437	ng/ul	98
52) Acenaphthene	14.551	153	1724141	32.082	ng/ul	98
53) 2,4-Dinitrophenol	14.598	184	190693	29.469	ng/ul	96
55) 4-Nitrophenol	14.698	109	263274	32.336	ng/ul	93
56) Dibenzofuran	14.881	168	2364980	31.663	ng/ul	98
57) 2,4-Dinitrotoluene	14.851	165	551170	32.092	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.104	232	481396	30.834	ng/ul	99
59) Diethylphthalate	15.316	149	1882927	29.775	ng/ul	100
61) Fluorene	15.534	166	1838089	31.100	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.528	204	992124	32.007	ng/ul	98
63) 4-Nitroaniline	15.557	138	375076	32.303	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.610	198	311515	33.961	ng/ul	94
67) N-Nitrosodiphenylamine	15.745	169	1550207	32.695	ng/ul	99
68) 4-Bromophenyl-phenylether	16.422	248	604934	33.488	ng/ul	98
69) Hexachlorobenzene	16.534	284	705826	34.996	ng/ul	98
70) Atrazine	16.698	200	372361	26.415	ng/ul	98
71) Pentachlorophenol	16.875	266	388624	32.399	ng/ul	100
72) Phenanthrene	17.275	178	2839829	32.862	ng/ul	100
74) Anthracene	17.363	178	2692468	31.083	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.287	216	947753	38.307	ng/uL	99
76) Pentachlorobenzene	14.798	250	892173	36.710	ng/uL	99
77) Carbazole	17.639	167	2423789	35.108	ng/ul	99
78) Di-n-butylphthalate	18.192	149	2892089	31.460	ng/ul	100
80) Fluoranthene	19.239	202	3192612	27.230	ng/ul	98
82) Pyrene	19.592	202	3273086	27.672	ng/ul	96
83) Butylbenzylphthalate	20.469	149	1204314	27.812	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.239	252	1049795	33.902	ng/ul	98
85) Benzo(a)anthracene	21.304	228	3347805	32.368	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.233	149	1726168	29.003	ng/ul	99
87) Chrysene	21.351	228	3107539	32.626	ng/ul	100
89) Di-n-octyl phthalate	22.151	149	3043216	27.352	ng/ul	100
90) Benzo(b)fluoranthene	22.963	252	3504863	31.194	ng/ul	99
91) Benzo(k)fluoranthene	23.016	252	3540905	32.571	ng/ul	99
93) Benzo(a)pyrene	23.586	252	3368805	32.814	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.157	276	4350443	35.467	ng/ul	97
95) Dibenzo(a,h)anthracene	26.180	278	3650217	35.773	ng/ul	98
96) Benzo(g,h,i)perylene	26.921	276	3553488	35.997	ng/ul	97

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

