

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082223\
 Data File : BP016700.D
 Acq On : 22 Aug 2023 12:52
 Operator : MA/JU
 Sample : PB154972BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS972

Quant Time: Aug 23 01:12:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 17 01:38:34 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/23/2023
 Supervised By :mohammad ahmed 08/23/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.046	152	265092	20.000	ng/u1	0.00
20) Naphthalene-d8	10.875	136	1201295	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.693	164	741948	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.463	188	1657824	20.000	ng/u1	0.00
79) Chrysene-d12	21.563	240	1590513	20.000	ng/u1	0.00
88) Perylene-d12	24.139	264	1670082	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	49367	7.076	ng/uL	0.00
4) Pyridine-d5	3.823	84	739462	34.839	ng/u1	0.00
7) Phenol-d5	7.187	99	978737	40.047	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.381	67	597441	37.115	ng/u1	0.00
11) 2-Chlorophenol-d4	7.564	132	675908	38.505	ng/u1	0.00
15) 4-Methylphenol-d8	8.752	113	752062	38.701	ng/u1	0.00
21) Nitrobenzene-d5	9.240	128	348264	41.202	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.958	143	366174	45.611	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.481	165	669746	42.391	ng/u1	-0.01
31) 4-Chloroaniline-d4	11.028	131	934102	34.459	ng/u1	-0.01
46) Dimethylphthalate-d6	14.104	166	2013395	37.518	ng/u1	0.00
49) Acenaphthylene-d8	14.393	160	2358116	38.931	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.899	143	432042	39.520	ng/u1	0.00
60) Fluorene-d10	15.693	176	1713114	37.445	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.816	200	309731	39.272	ng/u1	0.00
73) Anthracene-d10	17.563	188	2756843	38.445	ng/u1	0.00
81) Pyrene-d10	19.798	212	3272877	39.272	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.969	264	3148115	39.333	ng/u1	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.423	88	115008	14.993	ng/uL	100
5) Pyridine	3.846	79	747731	33.954	ng/u1	97
6) Benzaldehyde	7.199	77	576662	42.804	ng/u1	99
8) Phenol	7.217	94	1007945	38.587	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.475	93	781028	37.015	ng/u1	98
12) 2-Chlorophenol	7.599	128	719217	38.940	ng/u1	99
13) 2-Methylphenol	8.481	108	739194	38.959	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.575	45	1060138m	36.050	ng/u1	
16) Acetophenone	8.893	105	1196567	38.130	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.869	70	664065	39.457	ng/u1	98
18) 4-Methylphenol	8.816	108	811442	38.912	ng/u1	97
19) Hexachloroethane	9.116	117	285081	36.944	ng/u1	99
22) Nitrobenzene	9.287	77	956967	40.442	ng/u1	100
23) Isophorone	9.799	82	1835099	41.060	ng/u1	99
25) 2-Nitrophenol	9.987	139	410127	44.686	ng/u1	99
26) 2,4-Dimethylphenol	10.028	107	869502	40.187	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.287	93	1102057	38.468	ng/u1	99
29) 2,4-Dichlorophenol	10.511	162	677701	41.691	ng/u1	99
30) Naphthalene	10.928	128	2359700	37.596	ng/u1	99
32) 4-Chloroaniline	11.058	127	921458	34.320	ng/u1	99
33) Hexachlorobutadiene	11.158	225	376650	38.438	ng/u1	99
34) Caprolactam	11.875	113	262148m	41.453	ng/u1	
35) 4-Chloro-3-methylphenol	12.152	107	846004	42.578	ng/u1	99
36) 2-Methylnaphthalene	12.528	142	1576505	37.498	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.746	142	1580804	37.342	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.875	216	752128	37.900	ng/ul	100
40) Hexachlorocyclopentadiene	12.828	237	404747	33.520	ng/ul	99
41) 2,4,6-Trichlorophenol	13.122	196	534516	43.278	ng/ul	99
42) 2,4,5-Trichlorophenol	13.193	196	594105	44.377	ng/ul	99
43) 1,1'-Biphenyl	13.528	154	2088484	37.869	ng/ul	99
44) 2-Chloronaphthalene	13.581	162	1625950	37.893	ng/ul	99
45) 2-Nitroaniline	13.810	65	601169	46.336	ng/ul	93
47) Dimethylphthalate	14.157	163	2113128	38.512	ng/ul	99
48) 2,6-Dinitrotoluene	14.299	165	439324	46.226	ng/ul	97
50) Acenaphthylene	14.422	152	2595905	36.391	ng/ul	99
51) 3-Nitroaniline	14.634	138	489010	45.890	ng/ul	97
52) Acenaphthene	14.763	153	1792469	37.537	ng/ul	98
53) 2,4-Dinitrophenol	14.828	184	209131	39.528	ng/ul	97
55) 4-Nitrophenol	14.916	109	363731	40.926	ng/ul	96
56) Dibenzofuran	15.098	168	2454878	37.680	ng/ul	99
57) 2,4-Dinitrotoluene	15.075	165	637566	44.799	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.310	232	497322	44.337	ng/ul	97
59) Diethylphthalate	15.510	149	2186815	38.980	ng/ul	99
61) Fluorene	15.746	166	2036420	38.120	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.740	204	938848	37.439	ng/ul	97
63) 4-Nitroaniline	15.804	138	515430	50.543	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.828	198	333076	38.089	ng/ul#	97
67) N-Nitrosodiphenylamine	15.963	169	1750840	38.961	ng/ul	99
68) 4-Bromophenyl-phenylether	16.640	248	582173	39.330	ng/ul	98
69) Hexachlorobenzene	16.722	284	653876	37.806	ng/ul	97
70) Atrazine	16.916	200	581382	35.960	ng/ul	99
71) Pentachlorophenol	17.087	266	434717	40.824	ng/ul	98
72) Phenanthrene	17.504	178	3334178	38.174	ng/ul	100
74) Anthracene	17.598	178	3366170	38.370	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.487	216	749676	35.583	ng/uL	97
76) Pentachlorobenzene	14.987	250	727847	38.503	ng/uL	100
77) Carbazole	17.881	167	3237711	40.047	ng/ul	99
78) Di-n-butylphthalate	18.387	149	3969068	42.410	ng/ul	99
80) Fluoranthene	19.469	202	4008279	40.298	ng/ul	100
82) Pyrene	19.828	202	4189590	39.888	ng/ul	98
83) Butylbenzylphthalate	20.681	149	1991210	47.060	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.480	252	1364889	39.409	ng/ul	100
85) Benzo(a)anthracene	21.545	228	4114167	38.489	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.422	149	2946487	47.982	ng/ul#	99
87) Chrysene	21.604	228	3831454	38.304	ng/ul	99
89) Di-n-octyl phthalate	22.404	149	5113109	49.065	ng/ul	100
90) Benzo(b)fluoranthene	23.339	252	4035307	40.580	ng/ul	99
91) Benzo(k)fluoranthene	23.392	252	3953560	40.076	ng/ul	100
93) Benzo(a)pyrene	24.027	252	3461123	36.897	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.892	276	3969545	35.855	ng/ul	100
95) Dibenzo(a,h)anthracene	26.916	278	3304405	35.865	ng/ul	99
96) Benzo(g,h,i)perylene	27.751	276	3151685	35.768	ng/ul	98

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

