

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072424\
 Data File : BP021133.D
 Acq On : 24 Jul 2024 20:12
 Operator : MA/JU
 Sample : PB162100BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS100

Quant Time: Jul 25 00:26:27 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 24 23:04:44 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/25/2024
 Supervised By :mohammad ahmed 07/25/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.651	152	166958	20.000	ng/u1	0.00
20) Naphthalene-d8	10.422	136	626149	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.298	164	374656	20.000	ng/u1	0.01
64) Phenanthrene-d10	17.104	188	758956	20.000	ng/u1	0.00
79) Chrysene-d12	21.557	240	778705	20.000	ng/u1	0.00
88) Perylene-d12	24.868	264	1045520	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	24314	6.627	ng/uL	0.00
4) Pyridine-d5	3.599	84	284682	26.802	ng/u1	0.00
7) Phenol-d5	6.869	99	367416	26.993	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.999	67	217140	26.323	ng/u1	0.00
11) 2-Chlorophenol-d4	7.204	132	304924	27.189	ng/u1	0.00
15) 4-Methylphenol-d8	8.381	113	280957	24.852	ng/u1	0.00
21) Nitrobenzene-d5	8.810	128	142455	29.291	ng/u1	0.00
24) 2-Nitrophenol-d4	9.516	143	163028	29.288	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.069	165	291628	28.973	ng/u1	0.00
31) 4-Chloroaniline-d4	10.575	131	342231	25.665	ng/u1	0.00
46) Dimethylphthalate-d6	13.704	166	770453	28.289	ng/u1	0.00
49) Acenaphthylene-d8	13.980	160	889331	29.080	ng/u1	0.00
54) 4-Nitrophenol-d4	14.586	143	151062m	38.983	ng/u1	-0.01
60) Fluorene-d10	15.310	176	668716	29.929	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.469	200	128824	28.053	ng/u1	0.00
73) Anthracene-d10	17.210	188	990565	29.386	ng/u1	0.00
81) Pyrene-d10	19.598	212	1216664	25.272	ng/u1	0.01
92) Benzo(a)pyrene-d12	24.639	264	1527019	29.614	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.216	88	42209	10.460	ng/uL	99
5) Pyridine	3.616	79	294652	26.895	ng/u1	99
6) Benzaldehyde	6.822	77	189239	27.577	ng/u1	99
8) Phenol	6.899	94	383004	27.807	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.093	93	300659	26.424	ng/u1	98
12) 2-Chlorophenol	7.240	128	317524	28.249	ng/u1	99
13) 2-Methylphenol	8.116	108	281085	26.388	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.169	45	418194	25.440	ng/u1	96
16) Acetophenone	8.475	105	450904	25.842	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.451	70	219641	24.025	ng/u1	98
18) 4-Methylphenol	8.440	108	300006	26.289	ng/u1	95
19) Hexachloroethane	8.704	117	138010	27.323	ng/u1	98
22) Nitrobenzene	8.851	77	336923	28.920	ng/u1	100
23) Isophorone	9.375	82	611452	26.400	ng/u1	99
25) 2-Nitrophenol	9.551	139	177942	30.651	ng/u1	95
26) 2,4-Dimethylphenol	9.622	107	265672	23.207	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.845	93	373605	26.538	ng/u1	100
29) 2,4-Dichlorophenol	10.098	162	282658	28.495	ng/u1	98
30) Naphthalene	10.475	128	952002	28.905	ng/u1	99
32) 4-Chloroaniline	10.598	127	313491	24.620	ng/u1	98
33) Hexachlorobutadiene	10.728	225	212938	28.629	ng/u1	99
34) Caprolactam	11.410	113	87732	28.710	ng/u1	98
35) 4-Chloro-3-methylphenol	11.751	107	306118	28.390	ng/u1	99
36) 2-Methylnaphthalene	12.092	142	619632	27.407	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.310	142	622086	26.754	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.463	216	366924	30.157	ng/ul	98
40) Hexachlorocyclopentadiene	12.428	237	86712	13.623	ng/ul	99
41) 2,4,6-Trichlorophenol	12.733	196	207847	27.034	ng/ul	96
42) 2,4,5-Trichlorophenol	12.810	196	226941	27.899	ng/ul	97
43) 1,1'-Biphenyl	13.122	154	810559	29.604	ng/ul	98
44) 2-Chloronaphthalene	13.157	162	643048	29.419	ng/ul	100
45) 2-Nitroaniline	13.398	65	187939	31.091	ng/ul	97
47) Dimethylphthalate	13.751	163	776547	28.100	ng/ul	100
48) 2,6-Dinitrotoluene	13.892	165	166497	30.135	ng/ul	97
50) Acenaphthylene	14.016	152	1008127	29.115	ng/ul	100
51) 3-Nitroaniline	14.228	138	167006	34.736	ng/ul	96
52) Acenaphthene	14.357	153	664083	28.896	ng/ul	99
53) 2,4-Dinitrophenol	14.463	184	72155m	24.868	ng/ul	
55) 4-Nitrophenol	14.604	109	108825	34.524	ng/ul	95
56) Dibenzofuran	14.704	168	924159	29.365	ng/ul	97
57) 2,4-Dinitrotoluene	14.704	165	237981	31.378	ng/ul	88
58) 2,3,4,6-Tetrachlorophenol	14.951	232	162527	23.332	ng/ul	97
59) Diethylphthalate	15.133	149	760159	27.524	ng/ul	99
61) Fluorene	15.369	166	749880	29.199	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.363	204	389066	27.919	ng/ul	96
63) 4-Nitroaniline	15.422	138	164798	41.391	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.486	198	137497	28.235	ng/ul	97
67) N-Nitrosodiphenylamine	15.580	169	638592	28.895	ng/ul	99
68) 4-Bromophenyl-phenylether	16.269	248	251023	28.218	ng/ul	98
69) Hexachlorobenzene	16.386	284	295708	28.991	ng/ul	97
70) Atrazine	16.569	200	33232	4.126	ng/ul	98
71) Pentachlorophenol	16.763	266	99310m	17.927	ng/ul	
72) Phenanthrene	17.151	178	1187878	30.171	ng/ul	99
74) Anthracene	17.245	178	1173955	29.248	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.075	216	362569	29.847	ng/uL	99
76) Pentachlorobenzene	14.622	250	337190	27.935	ng/uL	100
77) Carbazole	17.545	167	1093620	33.330	ng/ul	100
78) Di-n-butylphthalate	18.110	149	1255770	27.740	ng/ul	100
80) Fluoranthene	19.251	202	1445754	24.867	ng/ul	99
82) Pyrene	19.627	202	1529168	25.847	ng/ul	99
83) Butylbenzylphthalate	20.568	149	601318	24.395	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.457	252	560048	31.474	ng/ul	98
85) Benzo(a)anthracene	21.539	228	1635108	29.975	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.445	149	829244	23.377	ng/ul	99
87) Chrysene	21.604	228	1519971	29.987	ng/ul	99
89) Di-n-octyl phthalate	22.704	149	1519564	22.001	ng/ul	100
90) Benzo(b)fluoranthene	23.821	252	1819139	28.672	ng/ul	100
91) Benzo(k)fluoranthene	23.892	252	1803988	28.491	ng/ul	99
93) Benzo(a)pyrene	24.715	252	1699204	28.341	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.650	276	2418898	31.309	ng/ul	99
95) Dibenzo(a,h)anthracene	28.703	278	1956393	30.579	ng/ul	99
96) Benzo(g,h,i)perylene	29.809	276	1951374	31.013	ng/ul	98

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

