

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080524\
 Data File : BP021374.D
 Acq On : 05 Aug 2024 16:06
 Operator : CG/JU
 Sample : P3300-07MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 E1G93MS

Quant Time: Aug 06 04:06:18 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 29 12:46:18 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/06/2024
 Supervised By :mohammad ahmed 08/07/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.611	152	143058	20.000	ng/u1	-0.02
20) Naphthalene-d8	10.375	136	618396	20.000	ng/u1	-0.02
38) Acenaphthene-d10	14.257	164	417934	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.087	188	964685	20.000	ng/u1	0.00
79) Chrysene-d12	21.527	240	969413	20.000	ng/u1	0.00
88) Perylene-d12	24.833	264	1168816m	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.158	96	15629	4.972	ng/uL	-0.02
4) Pyridine-d5	3.593	84	55868	6.138	ng/u1	0.00
7) Phenol-d5	6.852	99	94249	8.081	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.964	67	210703	29.810	ng/u1	-0.02
11) 2-Chlorophenol-d4	7.169	132	256470	26.689	ng/u1	-0.01
15) 4-Methylphenol-d8	8.352	113	178322	18.409	ng/u1	-0.01
21) Nitrobenzene-d5	8.775	128	139571	29.058	ng/u1	-0.02
24) 2-Nitrophenol-d4	9.481	143	158888	28.902	ng/u1	-0.02
28) 2,4-Dichlorophenol-d3	10.040	165	292741	29.449	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.540	131	341008	25.894	ng/u1	-0.02
46) Dimethylphthalate-d6	13.669	166	1046289	34.438	ng/u1	-0.01
49) Acenaphthylene-d8	13.945	160	1107881	32.476	ng/u1	-0.02
54) 4-Nitrophenol-d4	14.587	143	92664	21.437	ng/u1	0.00
60) Fluorene-d10	15.281	176	889185	35.675	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.457	200	197825	33.892	ng/u1	0.00
73) Anthracene-d10	17.187	188	1494689	34.885	ng/u1	0.00
81) Pyrene-d10	19.569	212	1885868	31.466	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.598	264	2045507	35.484	ng/u1	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.187	88	18940	5.478	ng/uL	96
5) Pyridine	3.605	79	60186	6.411	ng/u1#	84
6) Benzaldehyde	6.799	77	189401m	32.211	ng/u1	
8) Phenol	6.875	94	111533	9.450	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.058	93	279437	28.662	ng/u1	96
12) 2-Chlorophenol	7.199	128	265741	27.592	ng/u1	97
13) 2-Methylphenol	8.081	108	211369	23.158	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.134	45	429792m	30.513	ng/u1	
16) Acetophenone	8.446	105	460768	30.819	ng/u1	92
17) N-Nitroso-di-n-propyla...	8.416	70	236648	30.209	ng/u1	99
18) 4-Methylphenol	8.416	108	200751	20.530	ng/u1	94
19) Hexachloroethane	8.652	117	116070	26.819	ng/u1	97
22) Nitrobenzene	8.822	77	359417	31.238	ng/u1	98
23) Isophorone	9.334	82	681743	29.804	ng/u1	99
25) 2-Nitrophenol	9.516	139	173522	30.264	ng/u1	98
26) 2,4-Dimethylphenol	9.593	107	261934	23.167	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.805	93	393337	28.290	ng/u1	98
29) 2,4-Dichlorophenol	10.069	162	297671	30.384	ng/u1	98
30) Naphthalene	10.428	128	949237	29.182	ng/u1	99
32) 4-Chloroaniline	10.569	127	283757	22.565	ng/u1	98
33) Hexachlorobutadiene	10.681	225	195235	26.578	ng/u1	99
34) Caprolactam	11.422	113	20737m	6.871	ng/u1	
35) 4-Chloro-3-methylphenol	11.728	107	358274	33.644	ng/u1	98
36) 2-Methylnaphthalene	12.051	142	677915	30.361	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.269	142	696266	30.319	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.422	216	403403	29.721	ng/ul	97
40) Hexachlorocyclopentadiene	12.375	237	57434	8.089	ng/ul	97
41) 2,4,6-Trichlorophenol	12.687	196	273102	31.844	ng/ul	99
42) 2,4,5-Trichlorophenol	12.799	196	301933	33.274	ng/ul	99
43) 1,1'-Biphenyl	13.075	154	923783	30.245	ng/ul	99
44) 2-Chloronaphthalene	13.122	162	739008	30.308	ng/ul	99
45) 2-Nitroaniline	13.369	65	263356	39.056	ng/ul	93
47) Dimethylphthalate	13.722	163	1057344	34.299	ng/ul	99
48) 2,6-Dinitrotoluene	13.869	165	220152	35.720	ng/ul	96
50) Acenaphthylene	13.981	152	1240799	32.124	ng/ul	100
51) 3-Nitroaniline	14.222	138	214738	40.039	ng/ul	100
52) Acenaphthene	14.322	153	825151	32.187	ng/ul	98
53) 2,4-Dinitrophenol	14.469	184	119712	36.986	ng/ul	99
55) 4-Nitrophenol	14.622	109	24881m	7.076	ng/ul	
56) Dibenzofuran	14.669	168	1215269	34.617	ng/ul	100
57) 2,4-Dinitrotoluene	14.687	165	344814	40.756	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.934	232	279688	35.994	ng/ul	99
59) Diethylphthalate	15.110	149	1094344	35.521	ng/ul	100
61) Fluorene	15.334	166	1020340	35.617	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.328	204	513449	33.030	ng/ul	99
63) 4-Nitroaniline	15.422	138	211029	47.514	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.475	198	213670	34.520	ng/ul	100
67) N-Nitrosodiphenylamine	15.563	169	889783	31.674	ng/ul	99
68) 4-Bromophenyl-phenylether	16.245	248	344467	30.464	ng/ul	98
69) Hexachlorobenzene	16.363	284	418075	32.247	ng/ul	99
70) Atrazine	16.545	200	191331	18.688	ng/ul	100
71) Pentachlorophenol	16.751	266	230480	32.732	ng/ul	96
72) Phenanthrene	17.128	178	1756944	35.108	ng/ul	99
74) Anthracene	17.222	178	1735861	34.024	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.040	216	396371	25.671	ng/uL	99
76) Pentachlorobenzene	14.587	250	439653	28.656	ng/uL	98
77) Carbazole	17.528	167	1667217	39.976	ng/ul	99
78) Di-n-butylphthalate	18.081	149	2041557	35.481	ng/ul	100
80) Fluoranthene	19.222	202	2193634	30.308	ng/ul	98
82) Pyrene	19.604	202	2327084	31.596	ng/ul	99
83) Butylbenzylphthalate	20.545	149	983272	32.043	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.439	252	561817	25.362	ng/ul	99
85) Benzo(a)anthracene	21.510	228	2366430	34.848	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.416	149	1522417	34.474	ng/ul	98
87) Chrysene	21.575	228	2235947	35.434	ng/ul	99
89) Di-n-octyl phthalate	22.651	149	2420612	31.350	ng/ul	100
90) Benzo(b)fluoranthene	23.780	252	2410047	33.978	ng/ul	99
91) Benzo(k)fluoranthene	23.845	252	2453946	34.667	ng/ul	100
93) Benzo(a)pyrene	24.668	252	2051259	30.603	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.586	276	2949277	34.147	ng/ul	98
95) Dibenzo(a,h)anthracene	28.639	278	2406919	33.653	ng/ul	99
96) Benzo(g,h,i)perylene	29.751	276	2291639	32.579	ng/ul	98

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

