Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091223\
Data File : BP017172.D
Acq On : 14 Sep 2023 12:16
Operator : MA/JU
Sample : 04324-21MS
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BBJA8MS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023

Quant Time: Sep 14 23:12:02 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 12 23:27:27 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	236248	20.000	ng/ul	0.00
20) Naphthalene-d8	10.775	136	936529	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.610	164	524514	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.381	188	1059702	20.000	ng/ul	0.00
79) Chrysene-d12	21.486	240	1034105	20.000	ng/ul	0.00
88) Perylene-d12	24.016	264	1187180	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.311	96	29898	5.318	ng/uL	0.00
4) Pyridine-d5	3.746	84	303739	18.887	ng/ul	0.00
7) Phenol-d5	7.105	99	146143	7.608	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.293	67	480257	39.999	ng/ul	0.00
11) 2-Chlorophenol-d4	7.469	132	335005	21.860	ng/ul	0.00
15) 4-Methylphenol-d8	8.669	113	232427	14.599	ng/ul	0.00
21) Nitrobenzene-d5	9.152	128	298832	45.569	ng/ul	0.00
24) 2-Nitrophenol-d4	9.863	143	205403	29.339	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.393	165	377567	27.886	ng/ul	0.00
31) 4-Chloroaniline-d4	10.940	131	763810	37.428	ng/ul	0.00
46) Dimethylphthalate-d6	14.028	166	1789082	47.932	ng/ul	0.00
49) Acenaphthylene-d8	14.310	160	2008864	47.432	ng/ul	0.00
54) 4-Nitrophenol-d4	14.834	143	53194	7.374	ng/ul	0.00
60) Fluorene-d10	15.610	176	1514642	46.931	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.740	200	199211	33.647	ng/ul	0.00
73) Anthracene-d10	17.486	188	2343131	52.041	ng/ul	0.00
81) Pyrene-d10	19.722	212	2727689	50.295	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.851	264	2905292	51.850	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.352	88	45940	7.599	ng/uL	97
5) Pyridine	3.770	79	345094	20.716	ng/ul	98
6) Benzaldehyde	7.111	77	448668	41.951	ng/ul	98
8) Phenol	7.128	94	173156	8.547	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.387	93	682053	42.208	ng/ul	100
12) 2-Chlorophenol	7.505	128	374627	24.084	ng/ul	98
13) 2-Methylphenol	8.393	108	283126	18.745	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.463	45	887403m	40.521	ng/ul	
16) Acetophenone	8.805	105	1044503	41.916	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.775	70	533272	41.644	ng/ul	99
18) 4-Methylphenol	8.728	108	273368	16.359	ng/ul	99
19) Hexachloroethane	9.016	117	234270	36.620	ng/ul	98
22) Nitrobenzene	9.199	77	806971	47.252	ng/ul	98
23) Isophorone	9.710	82	1449736	45.300	ng/ul	100
25) 2-Nitrophenol	9.899	139	247703	31.833	ng/ul	98
26) 2,4-Dimethylphenol	9.940	107	386887	24.397	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.199	93	909481	45.342	ng/ul	99
29) 2,4-Dichlorophenol	10.416	162	403643	29.452	ng/ul	98
30) Naphthalene	10.828	128	2104503	44.407	ng/ul	99
32) 4-Chloroaniline	10.963	127	651857	32.733	ng/ul	99
33) Hexachlorobutadiene	11.057	225	374584	40.251	ng/ul	98
34) Caprolactam	11.793	113	30122	6.992	ng/ul	97
35) 4-Chloro-3-methylphenol	12.063	107	401048	27.045	ng/ul	99
36) 2-Methylnaphthalene	12.434	142	1395979	43.655	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.651	142	1355613	41.880	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.781	216	777569	49.774	ng/ul	99
40) Hexachlorocyclopentadiene	12.734	237	323314	33.217	ng/ul	99
41) 2,4,6-Trichlorophenol	13.040	196	344361	34.699	ng/ul	99
42) 2,4,5-Trichlorophenol	13.110	196	374753	35.519	ng/ul	99
43) 1,1'-Biphenyl	13.445	154	1903375	50.607	ng/ul	100
44) 2-Chloronaphthalene	13.493	162	1501837	50.282	ng/ul	100
45) 2-Nitroaniline	13.734	65	453687	56.078	ng/ul	96
47) Dimethylphthalate	14.075	163	1942563	51.267	ng/ul	99
48) 2,6-Dinitrotoluene	14.222	165	396950	57.302	ng/ul	98
50) Acenaphthylene	14.340	152	2348312	47.995	ng/ul	100
51) 3-Nitroaniline	14.563	138	383050	51.689	ng/ul	95
52) Acenaphthene	14.681	153	1618633	49.993	ng/ul	99
53) 2,4-Dinitrophenol	14.757	184	136133	28.057	ng/ul	95
55) 4-Nitrophenol	14.845	109	47346	8.200	ng/ul	98
56) Dibenzofuran	15.016	168	2274121	50.827	ng/ul	99
57) 2,4-Dinitrotoluene	15.004	165	555543	53.858	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.228	232	307441	33.215	ng/ul	98
59) Diethylphthalate	15.434	149	1931804	51.639	ng/ul	99
61) Fluorene	15.669	166	1861415	50.320	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.657	204	964091	51.262	ng/ul	97
63) 4-Nitroaniline	15.734	138	367017	53.272	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.757	198	223014	35.099	ng/ul	95
67) N-Nitrosodiphenylamine	15.881	169	1578265	57.279	ng/ul	98
68) 4-Bromophenyl-phenylether	16.563	248	596569	59.059	ng/ul	95
69) Hexachlorobenzene	16.639	284	680136	56.886	ng/ul	98
70) Atrazine	16.839	200	252474	25.313	ng/ul	98
71) Pentachlorophenol	17.004	266	233061	29.994	ng/ul	98
72) Phenanthrene	17.428	178	2934726	55.108	ng/ul	100
74) Anthracene	17.522	178	2967619	55.020	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.398	216	78218	5.338	ng/uL	98
76) Pentachlorobenzene	14.904	250	816280	61.397	ng/uL	99
77) Carbazole	17.804	167	2623583	55.395	ng/ul	100
78) Di-n-butylphthalate	18.316	149	3194018	59.182	ng/ul	99
80) Fluoranthene	19.392	202	3426309	54.051	ng/ul	100
82) Pyrene	19.751	202	3560394	53.157	ng/ul	99
83) Butylbenzylphthalate	20.610	149	1444973	60.488	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.410	252	1124397	53.035	ng/ul	99
85) Benzo(a)anthracene	21.469	228	3668034	54.174	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.345	149	2149566	64.102	ng/ul	99
87) Chrysene	21.527	228	3438148	54.588	ng/ul	99
89) Di-n-octyl phthalate	22.310	149	3773558	57.325	ng/ul	100
90) Benzo(b)fluoranthene	23.227	252	3781428	54.038	ng/ul	99
91) Benzo(k)fluoranthene	23.280	252	3848921	55.327	ng/ul	100
93) Benzo(a)pyrene	23.904	252	3462458	53.333	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.698	276	4675551	65.037	ng/ul	99
95) Dibenzo(a,h)anthracene	26.727	278	3926327	65.016	ng/ul	99
96) Benzo(g,h,i)perylene	27.539	276	3743351	67.338	ng/ul	99

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

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