Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042424\
Data File : BP020120.D
Acq On : 24 Apr 2024 15:46
Operator : MA/JU
Sample : SSTDICV020
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Apr 24 16:20:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042424.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 24 15:30:15 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SICV629

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.628	152	88211	20.000	ng/ul	0.00
20) Naphthalene-d8	10.399	136	350441	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.316	164	225406	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.163	188	502564	20.000	ng/ul	0.00
79) Chrysene-d12	21.675	240	572382	20.000	ng/ul	0.01
88) Perylene-d12	25.080	264	644653	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.223	96	17949	8.497	ng/uL	0.00
4) Pyridine-d5	3.623	84	136322	21.907	ng/ul	0.00
7) Phenol-d5	6.817	99	171813	22.969	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.981	67	123254	25.579	ng/ul	0.00
11) 2-Chlorophenol-d4	7.164	132	124468	23.700	ng/ul	0.00
15) 4-Methylphenol-d8	8.334	113	132690	23.301	ng/ul	0.00
21) Nitrobenzene-d5	8.787	128	63186	23.479	ng/ul	0.00
24) 2-Nitrophenol-d4	9.499	143	71037	23.785	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.034	165	132157	23.513	ng/ul	0.00
31) 4-Chloroaniline-d4	10.557	131	168335	22.966	ng/ul	0.00
46) Dimethylphthalate-d6	13.728	166	370422	23.009	ng/ul	0.00
49) Acenaphthylene-d8	14.004	160	428905	23.374	ng/ul	0.00
54) 4-Nitrophenol-d4	14.575	143	54791	20.937	ng/ul	0.00
60) Fluorene-d10	15.345	176	315180	22.507	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.498	200	71079	22.119	ng/ul	0.00
73) Anthracene-d10	17.269	188	509164	22.819	ng/ul	0.01
81) Pyrene-d10	19.675	212	666657	21.892	ng/ul	0.01
92) Benzo(a)pyrene-d12	24.827	264	729445	23.191	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.258	88	19822	8.348	ng/uL	91
5) Pyridine	3.640	79	119707	18.758	ng/ul	96
6) Benzaldehyde	6.799	77	106403	24.838	ng/ul	98
8) Phenol	6.840	94	173624	22.341	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.075	93	137660	22.464	ng/ul	99
12) 2-Chlorophenol	7.199	128	125033	22.687	ng/ul	98
13) 2-Methylphenol	8.069	108	121681	21.664	ng/ul	93
14) 2,2'-oxybis(1-Chloropr...	8.140	45	186674	22.109	ng/ul	99
16) Acetophenone	8.452	105	217604	23.010	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.434	70	118965	22.987	ng/ul	99
18) 4-Methylphenol	8.399	108	135681	22.823	ng/ul	98
19) Hexachloroethane	8.681	117	57615	21.634	ng/ul	96
22) Nitrobenzene	8.828	77	177090	21.983	ng/ul	97
23) Isophorone	9.346	82	311363	21.717	ng/ul	99
25) 2-Nitrophenol	9.534	139	70296	22.286	ng/ul	99
26) 2,4-Dimethylphenol	9.593	107	120543	18.193	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.828	93	176393	21.580	ng/ul	98
29) 2,4-Dichlorophenol	10.058	162	122767	22.187	ng/ul	99
30) Naphthalene	10.452	128	389586	21.503	ng/ul	99
32) 4-Chloroaniline	10.587	127	157960	21.793	ng/ul	98
33) Hexachlorobutadiene	10.710	225	95013	20.562	ng/ul	97
34) Caprolactam	11.387	113	41137m	22.059	ng/ul	
35) 4-Chloro-3-methylphenol	11.722	107	141981	22.162	ng/ul	97
36) 2-Methylnaphthalene	12.081	142	267853	22.077	ng/ul	99

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37) 1-Methylnaphthalene	12.310	142	248629	20.393	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.457	216	169392	22.179	ng/ul	98
40) Hexachlorocyclopentadiene	12.416	237	58933	14.601	ng/ul	100
41) 2,4,6-Trichlorophenol	12.722	196	104009	22.467	ng/ul	98
42) 2,4,5-Trichlorophenol	12.799	196	109907	22.102	ng/ul	98
43) 1,1'-Biphenyl	13.128	154	361597	22.830	ng/ul	99
44) 2-Chloronaphthalene	13.163	162	277715	21.659	ng/ul	99
45) 2-Nitroaniline	13.404	65	101392	22.642	ng/ul	96
47) Dimethylphthalate	13.775	163	351768	21.409	ng/ul	99
48) 2,6-Dinitrotoluene	13.904	165	75879	22.710	ng/ul	98
50) Acenaphthylene	14.034	152	450066	21.937	ng/ul	99
51) 3-Nitroaniline	14.251	138	79541	25.387	ng/ul	90
52) Acenaphthene	14.387	153	288558	21.457	ng/ul	99
53) 2,4-Dinitrophenol	14.481	184	43188	20.362	ng/ul	92
55) 4-Nitrophenol	14.587	109	57688m	20.836	ng/ul	
56) Dibenzofuran	14.734	168	426203	22.381	ng/ul	97
57) 2,4-Dinitrotoluene	14.734	165	109727	22.411	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	14.969	232	100032	21.851	ng/ul	94
59) Diethylphthalate	15.187	149	349409	21.089	ng/ul	99
61) Fluorene	15.404	166	338456	21.404	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.404	204	178736	20.687	ng/ul	99
63) 4-Nitroaniline	15.457	138	73761	26.304	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.510	198	72416	21.317	ng/ul	96
67) N-Nitrosodiphenylamine	15.634	169	297099	22.731	ng/ul	97
68) 4-Bromophenyl-phenylether	16.334	248	115066	21.232	ng/ul	98
69) Hexachlorobenzene	16.434	284	131113	23.893	ng/ul	98
70) Atrazine	16.634	200	116016	21.979	ng/ul	99
71) Pentachlorophenol	16.810	266	83645	21.344	ng/ul	99
72) Phenanthrene	17.204	178	555216	21.607	ng/ul	99
74) Anthracene	17.304	178	562300	21.211	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.081	216	170119	23.035	ng/uL	97
76) Pentachlorobenzene	14.640	250	155783	21.586	ng/uL	99
77) Carbazole	17.604	167	532876	22.653	ng/ul	99
78) Di-n-butylphthalate	18.204	149	620727	21.542	ng/ul	99
80) Fluoranthene	19.328	202	726948	20.601	ng/ul	99
82) Pyrene	19.716	202	766208	20.691	ng/ul	98
83) Butylbenzylphthalate	20.680	149	327125	21.899	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.586	252	316194	23.618	ng/ul	98
85) Benzo(a)anthracene	21.657	228	837292	21.074	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.598	149	476414	21.803	ng/ul	97
87) Chrysene	21.727	228	791230	21.458	ng/ul	99
89) Di-n-octyl phthalate	22.904	149	834152	21.638	ng/ul	100
90) Benzo(b)fluoranthene	23.986	252	857682	22.447	ng/ul	99
91) Benzo(k)fluoranthene	24.063	252	827420	21.413	ng/ul	99
93) Benzo(a)pyrene	24.904	252	786251	21.456	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.915	276	981990m	22.228	ng/ul	
95) Dibenzo(a,h)anthracene	29.015	278	784126m	21.503	ng/ul	
96) Benzo(g,h,i)perylene	30.121	276	761764m	21.444	ng/ul	

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

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